

KRT8 Antibody (ARP42028_P050)

Data Sheet



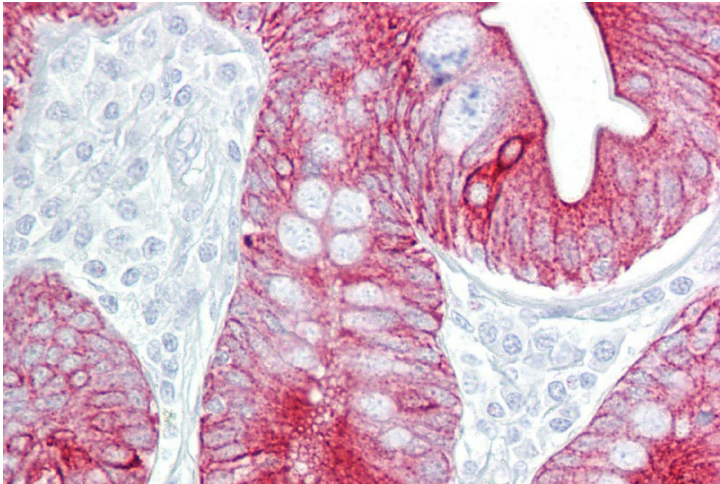
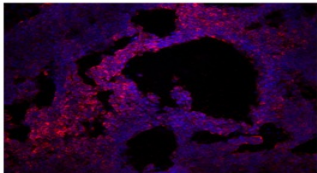
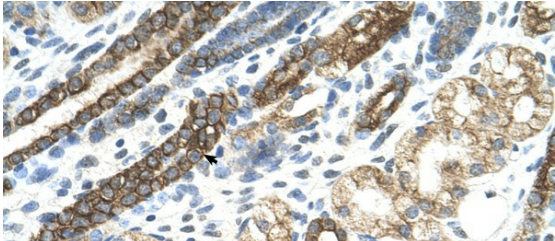
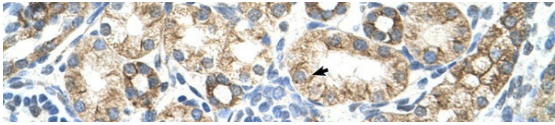
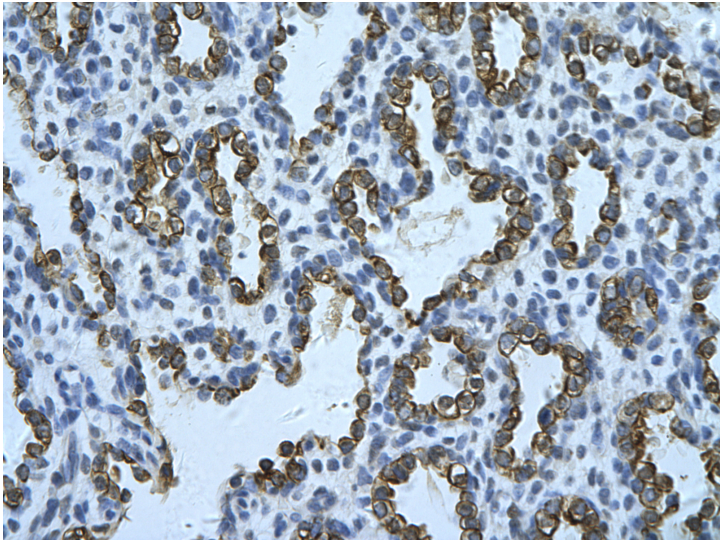
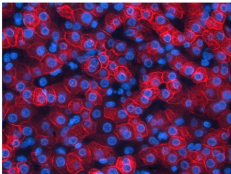
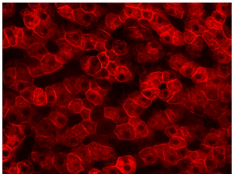
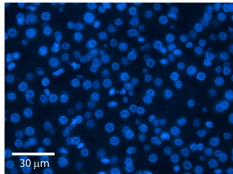
Product Number	ARP42028_P050
Product Name	KRT8 Antibody (ARP42028_P050)
Size	50ug
Gene Symbol	KRT8
Alias Symbols	CARD2; CK8; CYK8; K2C8; K8; KO; CK-8
Nucleotide Accession#	NM_002273
Protein Size (# AA)	483 amino acids
Molecular Weight	53kDa
Product Format	Lyophilized powder
NCBI Gene Id	3856
Host	Rabbit
Clonality	Polyclonal
Official Gene Full Name	Keratin 8
Gene Family	IFF2
Description	This is a rabbit polyclonal antibody against KRT8. It was validated on Western Blot and immunohistochemistry by Aviva Systems Biology. At Aviva Systems Biology we manufacture rabbit polyclonal antibodies on a large scale (200-1000 products/month) of high throughput manner. Our antibodies are peptide based and protein family oriented. We usually provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire ().
Peptide Sequence	Synthetic peptide located within the following region: MSIRVTQKSYKYSTSGPRAFSSRSYTSGPSRISSSSFSSRVGSSNFRGGL
Target Reference	Oh,J.H., (2005) Mamm. Genome 16 (12), 942-954
Description of Target	KRT8 together with KRT19, help to link the contractile apparatus to dystrophin at the costameres of striated muscle.
Partner Proteins	ANXA1, BYSL, DEDD, DMD, EGFR, FGFR3, HSPA5, KRT18, MAPK1, MAPK14, MAPK3, MAPK8, PKD1, PKP1, PLAT, PNN, RAF1, TCHP, ANXA1, BYSL, CLN5, FGFR3, GRB2, HSPA4L, HSPA5, KRT17, KRT18, MAPK1, MAPK14, OTUD4, PKP1, PLAT, PNN, PPL, PRKCE, TROAP, USP32
Reconstitution and Storage	Add 50 ul of distilled water. Final anti-KRT8 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20C. Avoid repeat freeze-thaw cycles.
Lead Time	Domestic: within 24 hours delivery International: 3-5 business days
Blocking Peptide	For anti-KRT8 antibody is For anti-KRT8 antibody is Catalog # AAP42028 (Previous Catalog # AAPP24509)
Immunogen	The immunogen for anti-KRT8 antibody: synthetic peptide directed towards the N terminal of human KRT8
Swissprot Id	P05787
Protein Name	Keratin, type II cytoskeletal 8
Protein Accession #	NP_002264
Purification	Affinity Purified
Species Reactivity	Dog, Human, Guinea pig, Bovine, Horse, Yeast, Mouse, Rat
Application	IHC, WB
Predicted Homology Based on Immunogen Sequence	Dog: 100%; Pig: 100%; Human: 100%; Guinea pig: 100%; Bovine: 93%; Rat: 92%; Horse: 92%; Mouse: 92%; Yeast: 92%
	Human Jurkat  <p>70 kDa 60 kDa 48 kDa</p>

Image 1	<div data-bbox="627 73 727 286">  <p>36 kDa 21 kDa</p> </div> <div data-bbox="952 96 1501 181"> <p>WB Suggested Anti-KRT8 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate</p> </div>
Image 2	<div data-bbox="405 613 585 640">Human Intestine</div> <div data-bbox="405 642 1128 1124">  </div> <div data-bbox="1133 855 1278 882">Small intestine</div>
Image 3	<div data-bbox="405 1142 486 1169">Human</div> <div data-bbox="438 1249 756 1420">  </div> <div data-bbox="772 1310 1493 1364"> <p>Sample Type: Human Triple Negative Breast Cancer Xenografts Primary Dilution: 1:100 Secondary (Anti-Rabbit 594) Dilution: 1:200</p> </div> <div data-bbox="438 1444 715 1498"> <p>Legend U = Untreated equine cartilage IL = IL-1β treated equine cartilage T = TNF-α + IL-1β treated equine cartilage</p> </div>
Image 4	<div data-bbox="405 1895 571 1921">Human Kidney</div> <div data-bbox="405 1924 962 2163">  </div> <div data-bbox="967 2007 1394 2163"> <p>Rabbit Anti-KRT8 Antibody Catalog Number: ARP42028 Paraffin Embedded Tissue: Human Kidney Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X</p> </div>

		
Image 5	<div><div>Human Lung</div></div> <div><div>Rabbit Anti-KRT8 Antibody Catalog Number: ARP42028 Paraffin Embedded Tissue: Human alveolar cell Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X</div></div>	
Image 6	<div><div>Human Liver Tissue</div><div></div></div> <div><div>KRT8 Antibody (ARP42028_P050) Catalog Number: ARP42028_P050 Formalin Fixed Paraffin Embedded Tissue: Human Liver Tissue Observed Staining: Cytoplasm and membrane of hepatocytes Primary Antibody Concentration: 1:100 Other Working Concentrations: 1/600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody</div></div>	

	Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec
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This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.