

SERPINB5 antibody - middle region (ARP42055_T100)

Data Sheet



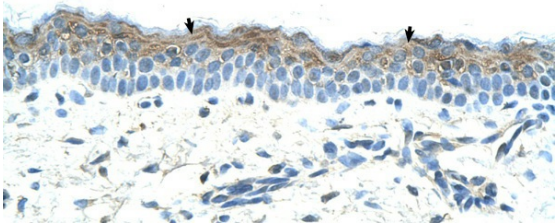
Product Number	ARP42055_T100
Product Name	SERPINB5 antibody - middle region (ARP42055_T100)
Size	100ug
Gene Symbol	SERPINB5
Alias Symbols	PI5; maspin
Nucleotide Accession#	NM_002639
Protein Size (# AA)	375 amino acids
Molecular Weight	41kDa
Product Format	Lyophilized powder
NCBI Gene Id	5268
Host	Rabbit
Clonality	Polyclonal
Official Gene Full Name	Serpin peptidase inhibitor, clade B (ovalbumin), member 5
Gene Family	SERPIN
Description	This is a rabbit polyclonal antibody against SERPINB5. 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: NSVNDQTKILVVNAAYFVGKWMKKFPESEKCEPRLNKTDTKPVQMMNM
Target Reference	Vereecken,P., (2006) J. Int. Med. Res. 34 (1), 52-57
Description of Target	As a tumor suppressor, it blocks the growth, invasion, and metastatic properties of mammary tumors. As it does not undergo the S (stressed) to R (relaxed) conformational transition characteristic of active serpins, it exhibits no serine protease inhibitory activity.
Partner Proteins	ABHD5, PRKACA
Reconstitution and Storage	Add 100 ul of distilled water. Final anti-SERPINB5 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-SERPINB5 antibody is Catalog # AAP42055 (Previous Catalog # AAP511603)
Immunogen	The immunogen for anti-SERPINB5 antibody: synthetic peptide directed towards the middle region of human SERPINB5
Swissprot Id	P36952
Protein Name	Serpin B5
Publications	Anti-SERPINB5 ARP42055_T100 has recently been referenced in the following publications: Mardin, W. A. et al. SERPINB5 and AKAP12 - expression and promoter methylation of metastasis suppressor genes in pancreatic ductal adenocarcinoma. BMC Cancer 10, 549 (2010). WB, Mouse 20939879 Hrabakova, R. et al. Cancer cell resistance to aurora kinase inhibitors: identification of novel targets for cancer therapy. J. Proteome Res. 12, 45569 (2013). 23151231
Protein Accession #	NP_002630
Purification	Protein A purified
Species Reactivity	Human, Dog, Horse, Rat, Bovine, Pig, Rabbit, Guinea pig, Mouse
Application	IHC, WB
Predicted Homology Based on Immunogen Sequence	Dog: 93%; Rat: 93%; Horse: 93%; Human: 93%; Pig: 86%; Mouse: 86%; Bovine: 86%; Rabbit: 86%; Guinea pig: 86%
	Human HepG2 

Image 1	<div data-bbox="627 73 727 286"><p>48 kDa _</p><p>36 kDa _</p></div> <div data-bbox="952 96 1501 181"><p>WB Suggested Anti-SERPINB5 Antibody Titration: 0.625ug/ml Positive Control: HepG2 cell lysate</p></div>
Image 2	<div data-bbox="405 371 542 398"><p>Human Skin</p></div> <div data-bbox="405 539 962 761"></div> <div data-bbox="965 488 1369 649"><p>Rabbit Anti-SERPINB5 Antibody Catalog Number: ARP42055 Paraffin Embedded Tissue: Human Skin Cellular Data: Squamous epithelial cells Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X</p></div>

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.