

Datasheet

TCF7L2 polyclonal antibody

Catalog Number: PAB15508

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of TCF7L2.

Immunogen: A synthetic peptide corresponding to amino acids 150-200 of human TCF7L2.

Host: Rabbit

Reactivity: Bovine, Human, Mouse

Applications: WB-Ce

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: Immunogen has 93% homology to mouse and bovine proteins. This antibody is useful for Western blot, where a band is seen ~55 KDa.

Form: Liquid

Recommend Usage: Western Blot (0.5 ug/mL)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (30% glycerol, 0.1% sodium azide)

Storage Instruction: Store at 4°C for short term. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 6934

Gene Symbol: TCF7L2

Gene Alias: TCF-4, TCF4

Gene Summary: This gene encodes a high mobility group (HMG) box-containing transcription factor that plays a key role in the Wnt signaling pathway. The

protein has been implicated in blood glucose homeostasis. Genetic variants of this gene are associated with increased risk of type 2 diabetes]

References:

1. TCF-4 binds beta-catenin and is expressed in distinct regions of the embryonic brain and limbs. Cho EA, Dressler GR. Mech Dev. 1998 Sep;77(1):9-18.
2. Depletion of epithelial stem-cell compartments in the small intestine of mice lacking Tcf-4. Korinek V, Barker N, Moerer P, van Donselaar E, Huls G, Peters PJ, Clevers H. Nat Genet. 1998 Aug;19(4):379-83.