

Rabbit anti-Human TCF4/TCF7L2 Monoclonal Antibody | anti-TCF7L2 antibody

TCF4/TCF7L2 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28506	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

TCF4/TCF7L2; Monoclonal Antibody; TCF4/TCF7L2 Rabbit mAb; TCF4; TCF-4; anti-TCF7L2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MPQLNGGGGD DLGANDELIS FKDEGEQEEK SSENSAERD LADVKSSLVN ESETNQNSSS DSEAERRPPP RSESFDRKSR ESLEEAAKRQ DGGLFKGPPY
Applicable Applications for anti-TCF7L2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Application Notes	WB: 1:1000-1:6000 IHC-P: 1:200-1:800 ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human TCF4/TCF7L2 (Q9NQB0).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using TCF4/TCF7L2 Rabbit mAb (AAA28506) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)

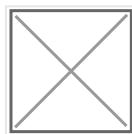
Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using TCF4/TCF7L2 Rabbit mAb (AAA28506) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

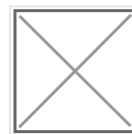
Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using TCF4/TCF7L2 Rabbit mAb (AAA28506) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Human liver tissue using TCF4/TCF7L2 Rabbit mAb (AAA28506) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Human cervix cancer tissue using TCF4/TCF7L2 Rabbit mAb (AAA28506) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Rat testis TCF4/TCF7L2 Rabbit mAb (AAA28506) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-TCF7L2 antibody	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. Several transcript variants encoding multiple different isoforms have been found for this gene.
Product Categories/Family for anti-TCF7L2 antibody	Epigenetics Nuclear Signaling ; Transcription Factors ; Cell Biology Developmental Biology ; Apoptosis ; Wnt --- Catenin Signaling Pathway ; Endocrine Metabolism ; Endocrine and metabolic diseases ; Diabetes ; Obesity ; Stem Cells ; Cardiovascular ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	29337146
NCBI GeneID	6934
UniProt Accession #	Q9NQB0 ; B4DRJ8 ; B9X074 ; C6ZRJ8 ; C6ZRK0 ; E2GH14 ; E2GH19 ; E2GH20 ; E2GH24 ; E2GH25 ; E9PFH9 ; F8W742
Molecular Weight	Calculated MW: 68kDa Observed MW: 68kDa
UniProt Protein Name	Transcription factor 7-like 2
UniProt Gene Name	TCF7L2
UniProt Synonym Gene Names	TCF4; T-cell factor 4; TCF-4; hTCF-4
UniProt Entry Name	TF7L2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tcf4-tcf7l2-antibody-western-blot-immunohistochemistry-elisa/28506>