

Rabbit anti-Human Transcription Factor 7 Like 2 Monoclonal Antibody | anti-TCF7L2 antibody

Recombinant Transcription Factor 7 Like 2 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA178807	Rabbit	Human	Immunohistochemistry, Western Blot

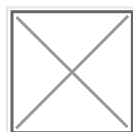
PRODUCT SYNONYMS

Transcription Factor 7 Like 2; Monoclonal Antibody; Recombinant Transcription Factor 7 Like 2 Monoclonal Antibody; TCF7L2; HMG box transcription factor 4; HTCF-4; T-cell factor-4 variant X2; T-cell factor 4; Transcription factor 7-like 2; TCF-4; anti-TCF7L2 antibody

PRODUCT SPECIFICATIONS

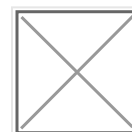
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	R09-1D1
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-TCF7L2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human TCF-4
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of TCF-4 in paraffin-embedded Human Cholangiocarcinoma using TCF-4 Rabbit mAb at dilution 1:50



WB (Western Blot)

Western blot detection of TCF-4 in K562, HeLa cell lysates using TCF-4 Rabbit mAb(1:1000 diluted). Predicted band size: 68kDa. Observed band size: 68kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TCF7L2 antibody	Participates in the Wnt signaling pathway and modulates MYC expression by binding to its promoter in a sequence-specific manner. Acts as repressor in the absence of CTNNB1, and as activator in its presence. Activates transcription from promoters with several copies of the Tcf motif 5'-CCTTTGATC-3' in the presence of CTNNB1. TLE1, TLE2, TLE3 and TLE4 repress transactivation mediated by TCF7L2/TCF4 and CTNNB1. Expression of dominant-negative mutants results in cell-cycle arrest in G1. Necessary for the maintenance of the epithelial stem-cell compartment of the small intestine.
Product Categories/Family for anti-TCF7L2 antibody	Antibodies; Primary Antibodies; Recombinant Antibody

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	619
NCBI Official Full Name	Transcription factor 7-like 2
NCBI Official Synonym Full Names	transcription factor 7-like 2 (T-cell specific, HMG-box)
NCBI Official Symbol	TCF7L2
NCBI Official Synonym Symbols	TCF4; TCF-4
NCBI Protein Information	transcription factor 7-like 2; hTCF-4; T-cell factor 4; T-cell factor-4 variant A; T-cell factor-4 variant B; T-cell factor-4 variant C; T-cell factor-4 variant D; T-cell factor-4 variant E; T-cell factor-4 variant F; T-cell factor-4 variant G; T-cell fac
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/transcription-factor-7-like-2-antibody-clone-r09-1d1-immunohistochemistry-western-blot-elisa/178807>