

Rabbit TCF12 Polyclonal Antibody | anti-TCF12 antibody

TCF12 Antibody

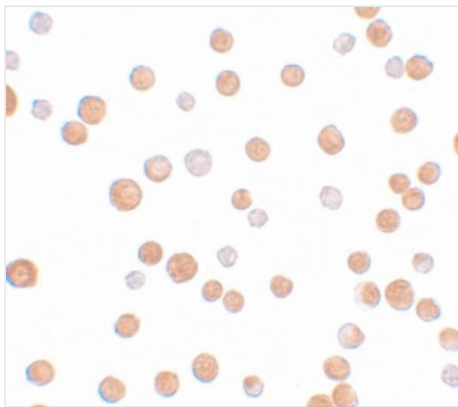
CATALOG # AAA39261	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunocytochemistry, Western Blot, ELISA
------------------------------	-----------------------	--	---

PRODUCT SYNONYMS

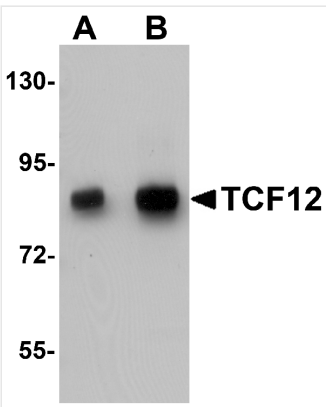
TCF12; Polyclonal Antibody; TCF12 Antibody; HEB; CRS3; HTF4; bHLHb20; HsT17266; BHLHB20; Transcription factor 12; Class B basic helix-loop-helix protein 20; TCF-12; transcription factor 12; anti-TCF12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	TCF12 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	706
Applicable Applications for anti-TCF12 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TCF12 antibody was raised against a 19 amino acid synthetic peptide near the amino terminus of human TCF12.
Buffer	TCF12 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TCF12 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



ICC (Immunocytochemistry)
Immunocytochemistry of TCF12 in HeLa cells with TCF12 antibody at 10 μg/mL.



WB (Western Blot)
Western blot analysis of TCF12 in HeLa cell lysate with TCF12 antibody at (A) 0.5 and (B) 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-TCF12 antibody	TCF12 Antibody: TCF12, also known as HTF4, is a member of the basic helix-loop-helix (bHLH) E-protein family that recognizes the consensus binding site (E-box) CANNTG. TCF12 is expressed in many tissues, among them skeletal muscle, thymus, B- and T-cells, and may participate in regulating lineage-specific gene expression through the formation of heterodimers with other bHLH E-proteins. TCF12, in combination with E2A, is required to block thymocyte proliferation prior to pre-TCR expression and is critical for proper T cell differentiation. Recent reports have shown that TCF12 is also a critical factor required for the development of invariant natural killer T cells.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	29792012
NCBI GeneID	6938
UniProt Accession #	Q99081; Q7Z3D9; Q86TC1; Q86VM2
Molecular Weight	75,845 Da
NCBI Official Full Name	Transcription factor 12
NCBI Official Synonym Full Names	transcription factor 12
NCBI Official Symbol	TCF12
NCBI Official Synonym Symbols	HEB; CRS3; HTF4; bHLHb20; HsT17266
NCBI Protein Information	transcription factor 12; TCF-12; E-box-binding protein; DNA-binding protein HTF4; transcription factor HTF-4; helix-loop-helix transcription factor 4; class B basic helix-loop-helix protein 20
UniProt Protein Name	Transcription factor 12
UniProt Gene Name	TCF12
UniProt Synonym Gene Names	BHLHB20; HEB; HTF4; TCF-12; bHLHb20
UniProt Entry Name	HTF4_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.