

Rabbit anti-Human TCF12 Polyclonal Antibody | anti-TCF12 antibody

Rabbit anti-TCF12 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211125	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

TCF12; Polyclonal Antibody; Rabbit anti-TCF12 Antibody; Affinity Purified; E-box-binding protein; transcription factor HTF-4; transcription factor 12; TCF-12; p64; HTF4; HsT17266; HEB; DNA-binding protein HTF4; CRS3; class B basic helix-loop-helix protein 20; bHLHb20; helix-loop-helix transcription factor 4; Transcription factor 12; anti-TCF12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-TCF12 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Rat
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human TCF12 by western blot and immunoprecipitation. Samples: Whole cell lysate (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-TCF12 antibody BL2270 (Cat. No. AAA211125) used for WB at 0.1 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate (B). TCF12 was also immunoprecipitated using rabbit anti-TCF12 antibody BL2271 (Cat. No. at 3 ug/mg lysate. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).



IHC (Immunohistochemistry)

Detection of human TCF12 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-TCF12 (Cat. No. AAA211125 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-TCF12 antibody

TCF12 (transcription factor 12), also known as HeLa E-box binding protein (HEB), is basic helix-loop-helix (bHLH) transcription factor that recognizes consensus E-box binding sites and is found to be important for T-cell development and cell differentiation. TCF12 can interact with the immunoglobulin enhancer binding proteins E12 and ITF2 as hetero-oligomers to modulate their DNA binding activity.

NCBI AND UNIPROT INFORMATION

NCBI GeneID	6938
UniProt Accession #	Q99081
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tcf12-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211125>