

Rabbit TCFL4 Polyclonal Antibody | anti-MLX antibody

Anti-TCFL4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA105204	Rabbit	Human, Mouse, Rat, Bovine	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

TCFL4; Polyclonal Antibody; Anti-TCFL4 Antibody; BHLHD13; Max-like protein X; Class D basic helix-loop-helix protein 13; bHLHd13; Max-like bHLHZip protein; Protein BigMax; Transcription factor-like protein 4; anti-MLX antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of TCFL4 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	298
Applicable Applications for anti-MLX antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TCFL4. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



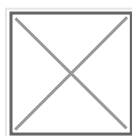
IF (Immunofluorescence)

Immunofluorescent analysis of TCFL4 staining in LOVO cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of TCFL4 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of TCFL4 expression in LOVO (A), mouse placenta (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-MLX antibody	Rabbit polyclonal antibody to TCFL4
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24586667
NCBI GeneID	6945
NCBI Accession #	NP_733752.1
NCBI GenBank Nucleotide #	NM_170607.2
UniProt Accession #	Q9UHH2; Q53XM6; Q96FL2; Q9H2V0; Q9H2V1; Q9H2V2; Q9NXN3; A8K2J3; B2RAV8; B2RD73
Molecular Weight	27,883 Da
NCBI Official Full Name	max-like protein X isoform gamma
NCBI Official Synonym Full Names	MLX, MAX dimerization protein
NCBI Official Symbol	MLX
NCBI Official Synonym Symbols	MAD7; MXD7; TCFL4; bHLHD13
NCBI Protein Information	max-like protein X; BigMax protein; MAX-like bHLHZIP protein; transcription factor-like protein 4; class D basic helix-loop-helix protein 13
UniProt Protein Name	Max-like protein X
UniProt Gene Name	MLX
UniProt Synonym Gene Names	BHLHD13; TCFL4; bHLHD13
UniProt Entry Name	MLX_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/tcfl4-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/105204>