

Rabbit anti-Human, Mouse TCFL5 Polyclonal Antibody | anti-TCFL5 antibody

TCFL5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322637	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

TCFL5; Polyclonal Antibody; TCFL5 Antibody; bHLHe82; CHA; Cha transcription factor; E2BP-1; E2BP1; Figlb; HPV-16 E2-binding protein 1; MGC46135; TCFL 5; TCFL5_HUMAN; transcription factor-like 5 (basic helix-loop-helix); Transcription factor-like 5 protein; anti-TCFL5 antibody

PRODUCT SPECIFICATIONS

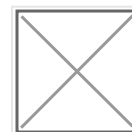
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	TCFL5 antibody detects endogenous levels of total TCFL5
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	500
Applicable Applications for anti-TCFL5 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TCFL5
Subcellular Location	Nucleus.
Tissue Specificity	Isoform 3 is testis specific. Isoform 2 is pancreas specific.
Predicted Cross Reactivity	Pig, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Sheep (100%), Rabbit (91%), Dog (100%), Chicken (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of TCFL5 using RAW264.7 whole cell lysates



IF (Immunofluorescence)

AAA322637 staining RAW264.7 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TCFL5 antibody	Function: Putative transcription factor. Isoform 3 may play a role in early spermatogenesis. Subunit Structure: Efficient DNA binding requires dimerization with another bHLH protein.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38505159
NCBI GeneID	10732
NCBI Accession #	NP_006593.2
NCBI GenBank Nucleotide #	NM_006602.3
UniProt Accession #	Q9UL49; O94771; Q9BYW0
Molecular Weight	Observed: 48 kDa Predicted: 53 kDa
NCBI Official Full Name	transcription factor-like 5 protein isoform 1
NCBI Official Synonym Full Names	transcription factor like 5
NCBI Official Symbol	TCFL5
NCBI Official Synonym Symbols	CHA; Figlb; SOSF1; E2BP-1; bHLHe82
NCBI Protein Information	transcription factor-like 5 protein
UniProt Protein Name	Transcription factor-like 5 protein
UniProt Gene Name	TCFL5
UniProt Synonym Gene Names	CHA; E2BP1; E2BP-1

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/tcfl5-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/322637>