

Rabbit anti-Human TLE2 Polyclonal Antibody | anti-TLE2 antibody

TLE2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323941	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

TLE2; Polyclonal Antibody; TLE2 Antibody; enhancer of split groucho 2; Enhancer of split groucho-like protein 2; ESG; ESG2; FLJ41188; GRG2; Groucho2; KIAA4188; MGC124808; mKIAA4188; Tle2; Tle2 protein; TLE2_HUMAN; transducin like enhancer of split 2; Transducin like enhancer of split 2; homolog of Drosophila E(sp1); Transducin like enhancer protein 2; Transducin-like enhancer of split 2 (E(sp1) homolog; Drosophila); Transducin-like enhancer of split 2; homolog of Drosophila E(spl); Transducin-like enhancer protein 2; anti-TLE2 antibody

PRODUCT SPECIFICATIONS

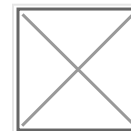
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	TLE2 antibody detects endogenous levels of total TLE2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	706
Applicable Applications for anti-TLE2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Tissue Specificity	In all tissues examined, mostly in heart, brain, and muscle.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA323941 staining LOVO 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.



WB (Western Blot)

Western blot analysis of extracts from LOVO cells, using TLE2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TLE2 antibody	Function: Transcriptional corepressor that binds to a number of transcription factors. Inhibits the transcriptional activation mediated by CTNNB1 and TCF family members in Wnt signaling. The effects of full-length TLE family members may be modulated by association with dominant-negative AES (By similarity). Subunit Structure: Homooligomer and heterooligomer with other family members. Binds LEF1, TCF7, TCF7L1, TCF7L2, UTY, HES1 and HES5. Post-translational Modifications: Ubiquitinated by XIAP/BIRC4. Similarity: WD repeat Groucho/TLE family members are characterized by 5 regions, a glutamine-rich Q domain, a glycine/proline-rich GP domain, a central CcN domain, containing a nuclear localization signal, and a serine/proline-rich SP domain. The most highly conserved are the N-terminal Q domain and the C-terminal WD-repeat domain. Belongs to the WD repeat Groucho/TLE family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	221219048
NCBI GeneID	7089
NCBI Accession #	NP_001138233.1
NCBI GenBank Nucleotide #	NM_001144761.1
UniProt Accession #	Q04725; Q8WVY0; Q9Y6S0; B4DE03; E9PEV7; F8WCH2
Molecular Weight	Observed: 110 kD Predicted: 80 kDa
NCBI Official Full Name	transducin-like enhancer protein 2 isoform 2
NCBI Official Synonym Full Names	transducin like enhancer of split 2
NCBI Official Symbol	TLE2
NCBI Official Synonym Symbols	ESG; ESG2; GRG2
NCBI Protein Information	transducin-like enhancer protein 2
UniProt Protein Name	Transducin-like enhancer protein 2
UniProt Gene Name	TLE2
UniProt Synonym Gene Names	ESG2

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/tle2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/323941>