TLE6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Tle6, Polyclonal Antibody
Full Product Name	Tle6 Conjugated Antibody
Product Gene Name	anti-Tle6 antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	63,473 Da
Chromosome Location	Chromosome: 19; NC_000019.9 (2977536..2995182). Location: 19p13.3
OMIM	612399
3D Structure	ModBase 3D Structure for Q9H808
Immunogen	Synthetic peptide within mouse Tle6 aa 150-200.
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-Tle6 antibody	Most Applications
Application Notes for anti-Tle6 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-Tle6 antibody	The Notch signaling pathway controls various cellular interactions that are important for the specification of a variety of fates in both vertebrates and invertebrates. Key players in the Notch pathway are the TLE genes (for transducin-like enhancer of split, also designated ESG for enhancer of split groucho), which are human homologs of the Drosophila groucho gene. TLE6 (transducin-like enhancer of split 6), also known as GRG6, is a 449 amino acid cytoplasmic protein belonging to the WD repeat groucho/TLE family. As a member of the subcortical maternal complex (SCMC), TLE6 is essential for zygotes to progress beyond the first embryonic cell divisions. TLE6 contains seven WD repeats, a motif known to mediate protein-protein interactions. The WD40 repeat family of proteins is suggested to be involved in signal transduction, RNA processing, gene regulation, vesicular trafficking, cytoskeletal assembly and may play a role in the control of cytotypic differentiation.
Other Notes	Small volumes of anti-Tle6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for Tle6 purchase	MBS9455961 is an antibody targeting Tle6. Also known as Tle6 Conjugated Antibody. Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Tle6. It may not necessarily be applicable to this product.

NCBI GI #	221136834
NCBI GeneID	79816
NCBI Accession #	NP_001137458.1
UniProt Primary Accession #	Q9H808
UniProt Secondary Accession #	J3KMZ1
UniProt Related Accession #	Q9H808
GenBank Nucleotide #	NM_001143986.1
NCBI Official Full Name	transducin-like enhancer protein 6 isoform 1
NCBI Official Synonym Full Names	transducin-like enhancer of split 6 (E(sp1) homolog, Drosophila)
NCBI Official Symbol	TLE6
NCBI Official Synonym Symbols	GRG6
UniProt Protein Name	Transducin-like enhancer protein 6
Protein Family	Transducin-like enhancer protein
UniProt Gene Name	TLE6
UniProt Entry Name	TLE6_HUMAN
NCBI Protein Information	transducin-like enhancer protein 6
UniProt Comments for Tle6	TLE6: As a member of the subcortical maternal complex (SCMC), plays an essential role for zygotes to progress beyond the first embryonic cell divisions. Belongs to the WD repeat Groucho/TLE family. Chromosomal Location of Human Ortholog: 19p13.3 Cellular Component: protein complex; cell cortex; nucleus Biological Process: regulation of transcription, DNA-dependent; positive regulation of neuron differentiation
Research Articles on Tle6	**1.** Expression of Tle6-like in colon cancer cells increased cell proliferation, colony-formation, cell migration, and xenograft tumorgenicity.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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