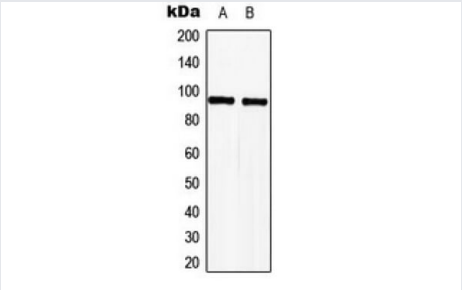
# TLE2 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | TLE2, Polyclonal Antibody |
| **Full Product Name** | TLE2 Antibody |
| **Product Gene Name** | anti-TLE2 antibody |
| **Product Synonym Names** | Purified Polyclonal TLE2 Antibody; Polyclonal TLE2 antibody; Anti-TLE2 antibody; Transducin-like enhancer protein 2 antibody; Enhancer of split groucho-like protein 2 antibody; ESG2 antibody |
| **Clonality** | Polyclonal |
| **Host** | Rabbit |
| **Form/Format** | Supplied in liquid form in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3 with 30% Glycerol and 0.01% Sodium Azide |
| **Purity/Purification** | Immunogen Affinity Chromatography |
| **Specificity** | Recognizes endogenous levels of TLE2 protein |
| **Preparation and Storage** | Store at 4 degree C for short term storage. For long term, aliquot and store at -20 degree C. Avoid repeat freeze/thaw cycles. |
| **OMIM** | 601041 |
| **3D Structure** | ModBase 3D Structure for Q04725 |
| **Immunogen** | TLE2 antibody was raised in Rabbit using a KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TLE2 as the immunogen |
| **Product Categories/Family for anti-TLE2 antibody** | DNA & RNA |
| **Applications Tested/Suitable for anti-TLE2 antibody** | Western Blot (WB), Immunohistochemistry (IHC) |
| **Application Notes for anti-TLE2 antibody** | WB: 1:500-1:1000<br>IHC: 1:100-1:200 |
| **Related Product Information for anti-TLE2 antibody** | TLE2 is a transcriptional corepressor that binds to a number of transcription factors. Inhibits the transcriptional activation mediated by CTNNB1 and TCF family members in Wnt signaling. |
| **Other Notes** | Small volumes of anti-TLE2 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 TLE2 purchase** | MBS5316275 is an antibody targeting TLE2. Also known as TLE2 Antibody. Host: Rabbit. |




**Western Blot (WB) of anti-TLE2 antibody**
Western blot analysis of TLE2 expression in HeLa (A); Jurkat (B) whole cell lysates.

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TLE2. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 664806005 |
| **NCBI GeneID** | 7089 |
| **UniProt Primary Accession #** | Q04725 |
| **UniProt Related Accession #** | Q04725 |
| **GenBank Nucleotide #** | NP_001287775.1 |
| **NCBI Official Full Name** | transducin-like enhancer protein 2 isoform 4 |
| **NCBI Official Synonym Full Names** | TLE family member 2, transcriptional corepressor |
| **NCBI Official Symbol** | TLE2 |
| **NCBI Official Synonym Symbols** | ESG; ESG2; GRG2 |
| **UniProt Protein Name** | Transducin-like enhancer protein 2 |
| **UniProt Synonym Protein Names** | Enhancer of split groucho-like protein 2 |
| **Protein Family** | Transducin-like enhancer protein |
| **UniProt Gene Name** | TLE2 |
| **UniProt Synonym Gene Names** | ESG2 |
| **UniProt Entry Name** | TLE2_HUMAN |
| **NCBI Protein Information** | transducin-like enhancer protein 2 |
| **UniProt Comments for TLE2** | TLE2: 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. Homooligomer and heterooligomer with other family members. Binds LEF1, TCF7, TCF7L1, TCF7L2, UTY, HES1 and HES5. In all tissues examined, mostly in heart, brain, and muscle. Belongs to the WD repeat Groucho/TLE family.<br><br>Protein type: Transcription, coactivator/corepressor<br><br>Chromosomal Location of Human Ortholog: 19p13.3<br><br>Cellular Component: nucleoplasm; extracellular space; nucleus<br><br>Molecular Function: protein binding; transcription corepressor activity<br><br>Biological Process: Notch signaling pathway; organ morphogenesis; Wnt receptor signaling pathway; transcription, DNA-dependent; negative regulation of transcription, DNA-dependent; signal transduction |

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| **Research Articles on TLE2** | **1.** Immunofluorescence analysis showed that TLE2 and RTA were colocalized in the same nuclear compartment in KSHV-infected cells. |
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