

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects endogenous human TLE3 in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human TLE3 His11-Asn200 Accession # Q04726
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

TLE3 (Transducin-Like Enhancer of Split 3; also ESG3 and GRG3) is an 84-86 kDa member of the WD repeat Groucho/TLE family of transcriptional repressors. It is widely expressed in the embryo, and in differentiating epithelial cells in the adult. TLE3 binds to a number of transcription factors as a heterooligomer, or to itself as a homotetramer. Oligomerization is essential for activity. Human TLE3 is 772 amino acids (aa) in length. It contains a Gln(Q)-rich region that mediates oligomerization (aa 1-131), a CCN domain that contains an NLS plus CKII and cdc2K kinase site (aa 199-268), and seven WD repeats that mediate protein-protein interaction (aa 484-771). Potentially there are multiple splice variants. Over aa 11-200, human TLE3 shares 99% aa identity with mouse TLE3.

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