10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.622.0609

TEF3 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP59301

Specification

TEF3 Polyclonal Antibody - Product Information

Application	**IHC-P, IHC-F, IF, ICC**
Primary Accession	Q15561
Reactivity	**Rat, Pig, Dog, Cow**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**48329**

TEF3 Polyclonal Antibody - Additional Information

Gene ID 7004

Other Names
Transcriptional enhancer factor TEF-3, TEA domain family member 4, TEAD-4, Transcription factor 13-like 1, Transcription factor RTEF-1, TEAD4, RTEF1, TCF13L1, TEF3

Format
0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ℃.

TEF3 Polyclonal Antibody - Protein Information

Name TEAD4

Synonyms RTEF1, TCF13L1, TEF3

Function
Transcription factor which plays a key role in the Hippo signaling pathway, a pathway involved in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. The core of this

pathway is composed of a kinase cascade wherein MST1/MST2, in complex with its regulatory protein SAV1, phosphorylates and activates LATS1/2 in complex with its regulatory protein MOB1, which in turn phosphorylates and inactivates YAP1 oncoprotein and WWTR1/TAZ. Acts by mediating gene expression of YAP1 and WWTR1/TAZ, thereby regulating cell proliferation, migration and epithelial mesenchymal transition (EMT) induction. Binds specifically and non-cooperatively to the Sph and GT-IIC 'enhansons' (5'-GTGGAATGT-3') and activates transcription. Binds to the M-CAT motif.

Cellular Location
Nucleus.

Tissue Location
Preferentially expressed in skeletal muscle. Lower levels in pancreas, placenta, and heart

TEF3 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture