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Anti-TEAD1 Rabbit Monoclonal Antibody

Catalog # ABO15865

Specification

Anti-TEAD1 Rabbit Monoclonal Antibody - Product Information

Application	**WB, IHC, IP**
Primary Accession	P28347
Host	**Rabbit**
Isotype	**IgG**
Reactivity	**Rat, Human, Mouse**
Clonality	**Monoclonal**
Format	**Liquid**

Description
Anti-TEAD1 Rabbit Monoclonal Antibody . Tested in WB, IHC, IP applications. This antibody reacts with Human, Mouse, Rat.

Anti-TEAD1 Rabbit Monoclonal Antibody - Additional Information

Gene ID 7003

Other Names
Transcriptional enhancer factor TEF-1, NTEF-1, Protein GT-IIC, TEA domain family member 1, TEAD-1, Transcription factor 13, TCF-13, TEAD1, TCF13, TEF1

Calculated MW
50 kDa KDa

Application Details
WB 1:1000-1:5000
IHC 1:100-1:500
IP 1:50

Contents
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen
A synthesized peptide derived from human TEAD1

Purification
Affinity-chromatography

Storage	**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

Anti-TEAD1 Rabbit Monoclonal Antibody - Protein Information

Name TEAD1

Synonyms TCF13, TEF1

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 cooperatively to the SPH and GT-IIC 'enhansons' (5'-GTGGAATGT-3') and activates transcription in vivo in a cell-specific manner. The activation function appears to be mediated by a limiting cell-specific transcriptional intermediary factor (TIF). Involved in cardiac development. Binds to the M-CAT motif.

Cellular Location
Nucleus.

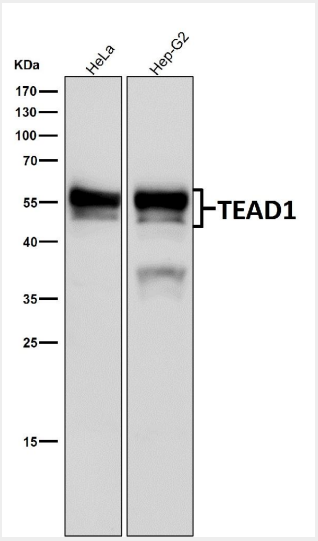
Tissue Location
Preferentially expressed in skeletal muscle. Lower levels in pancreas, placenta, and heart

Anti-TEAD1 Rabbit Monoclonal 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

Anti-TEAD1 Rabbit Monoclonal Antibody - Images



Western blot analysis of TEAD1 expression in HeLa cell lysate.

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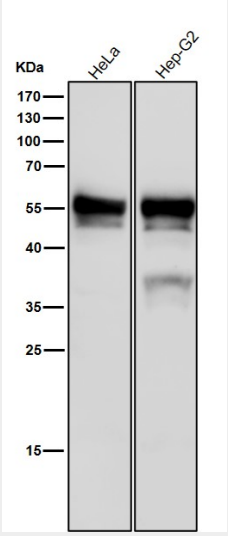

All lanes use the Antibody at 1:6K dilution for 1 hour at room temperature.