

Tensin-2 Polyclonal Antibody

Catalog No: YT5659

Reactivity: Human; Mouse

Applications: WB;ELISA

Target: Tensin-2

Gene Name: TENC1

Protein Name: Tensin-like C1 domain-containing phosphatase

Q63HR2

Q8CGB6

Human Gene Id: 23371

Human Swiss Prot

No:

Mouse Gene ld: 209039

Mouse Swiss Prot

No:

Immunogen: The antiserum was produced against synthesized peptide derived from human

Tensin-2. AA range:439-488

Specificity: Tensin-2 Polyclonal Antibody detects endogenous levels of Tensin-2 protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

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Observed Band: 125kD

Background: The protein encoded by this gene belongs to the tensin family. Tensin is a focal

adhesion molecule that binds to actin filaments and participates in signaling pathways. This protein plays a role in regulating cell migration. Alternative splicing occurs at this locus and three transcript variants encoding three distinct isoforms

have been identified. [provided by RefSeq, Jul 2008],

Function: function:Regulates cell motility and proliferation. May have phosphatase activity.

Reduces AKT1 phosphorylation. Lowers AKT1 kinase activity and interferes with AKT1 signaling.,similarity:Contains 1 C2 tensin-type domain.,similarity:Contains 1 phorbol-ester/DAG-type zinc finger.,similarity:Contains 1 phosphatase tensin-type domain.,similarity:Contains 1 SH2 domain.,subcellular location:Detected at the end of actin stress fibers.,subunit:Interacts with AXL.,tissue specificity:Detected in heart, kidney, brain, thymus, spleen, liver, placenta, lung, skeletal muscle and

small intestine.,

Subcellular Location:

Cell junction, focal adhesion . Cell membrane ; Peripheral membrane protein ;

Cytoplasmic side . Detected at the end of actin stress fibers. Detected in

cytoplasmic punctate bodies (PubMed:22019427). .

Expression: Detected in heart, kidney, brain, thymus, spleen, liver, placenta, lung, skeletal

muscle and small intestine.

Sort : 17038

No4:

Host: Rabbit

Modifications: Unmodified

Products Images

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