



Tensin-2 Antibody

E20-75659

Catalog No:E20-75659**Applications:**WB,ELISA**Reactivity:**Human,Mouse**Gene Name:**TENC1**Protein Name:**Tensin-like C1 domain-containing phosphatase**Human Gene Id:**23371**Human Swiss Prot No:**Q63HR2**Mouse Gene Id:**209039**Mouse Swiss Prot No:**Q8CGB6**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:**Rabbit**Dilution:**Western Blot: 1/500 - /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:**-20°C/1 year**Other Names:**TENC1; KIAA1075; TNS2; Tensin-like C1 domain-containing phosphatase; C1 domain-containing phosphatase and tensin homolog; C1-TEN; Tensin-2**Molecular Weight (Da):**152580**Observed Band (KD):**125**Background:**tensin 2(TNS2) Homo sapiens The protein encoded by this gene belongs to the tensin family. Tensin is a focal adhesion molecule that binds to actin filaments and

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participates in signaling pathways.

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

Reduces AKT1 phosphorylation.

Subcellular Location:intracellular,plasma membrane,focal adhesion.

Expression:Adipose tissue,Brain,Colon endothelium,Epithelium,Kidney,Testis,Uterus.

