

Product Name: Tensin-2 Rabbit Polyclonal Antibody
Catalog #: APRab18794



Summary

Production Name	Tensin-2 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	TENC1
Alternative Names	TENC1; KIAA1075; TNS2; Tensin-like C1 domain-containing phosphatase; C1 domain-containing phosphatase and tensin homolog; C1-TEN; Tensin-2
Gene ID	23371.0
SwissProt ID	Q63HR2.The antiserum was produced against synthesized peptide derived from human Tensin-2. AA range:439-488

Application

Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:10000
Molecular Weight	125kD

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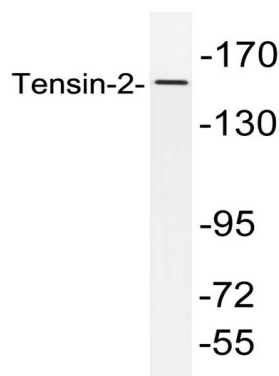


Background

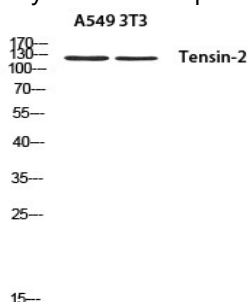
The protein encoded by this gene belongs to the tensin family. Tensin is a focal adhesion molecule that binds to actin filaments and participates in signaling pathways. This protein plays a role in regulating cell migration. Alternative splicing occurs at this locus and three transcript variants encoding three distinct isoforms have been identified. [provided by RefSeq, Jul 2008],function: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.,

Research Area

Image Data



Western blot analysis of lysates from HepG2 cells, using Tensin-2 antibody.



Western blot analysis of A549 3T3 using Tensin-2 antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000

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Note

For research use only.