

TENC1 polyclonal antibody

Catalog # PAB8498 Size 50 ug

Applications



Immunohistochemistry

Immunohistochemical analysis of mouse kidney tissue, using TENC1 polyclonal antibody (Cat # PAB8498) .

Specification

Product Description Rabbit polyclonal antibody raised against synthetic peptide of TENC1.

Immunogen A synthetic peptide corresponding to N-terminus of human TENC1.

Host Rabbit

Reactivity Human

Form Liquid

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage Immunohistochemistry (5 ug/mL)
Western Blot (2 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS (0.1% proclin, 2.0% Block Ace)

Storage Instruction Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

- Immunohistochemistry

Immunohistochemical analysis of mouse kidney tissue, using TENC1 polyclonal antibody (Cat # PAB8498) .

Gene Info — TENC1

Entrez GeneID [23371](#)

Gene Name TENC1

Gene Alias C1-TEN, C1TEN, DKFZp686D13244, FLJ16320, KIAA1075, TNS2

Gene Description tensin like C1 domain containing phosphatase (tensin 2)

Omim ID [607717](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations tensin 2|tensin like C1 domain containing phosphatase|tensin like C1 domain-containing phosphatase

Publication Reference

- [Tensin.](#)

Lo SH.

The International Journal of Biochemistry & Cell Biology 2004 Jan; 36(1):31.

Application: IHC, WB, Human, Human tissues

- [Integrin beta cytoplasmic domain interactions with phosphotyrosine-binding domains: a structural prototype for diversity in integrin signaling.](#)

Calderwood DA, Fujioka Y, de Pereda JM, García-Alvarez B, Nakamoto T, Margolis B, McGlade CJ, Liddington RC, Ginsberg MH.

PNAS 2003 Mar; 100(5):2272.

Application: WB, Recombinant protein

- [Cten, a COOH-terminal tensin-like protein with prostate restricted expression, is down-regulated in prostate cancer.](#)

Lo SH, Lo TB.

Cancer Research 2002 Aug; 62(15):4217.

Application: IF, WB-Ce, Human, MLC, LnCap, DU145, PC3 cells

- [Tensin1 and a previously undocumented family member, tensin2, positively regulate cell migration.](#)

Chen H, Duncan IC, Bozorgchami H, Lo SH.

PNAS 2002 Jan; 99(2):733.

Application: WB-Tr, Human, Mouse, HEK 293, NIH/3T3 cells

- [Progressive kidney degeneration in mice lacking tensin.](#)

Lo SH, Yu QC, Degenstein L, Chen LB, Fuchs E.

The Journal of Cell Biology 1997 Mar; 136(6):1349.

Application: IEM, IHC-P, Mouse, Mouse kidneys