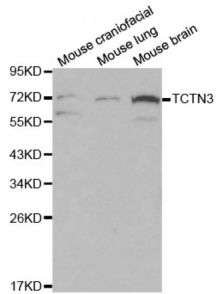


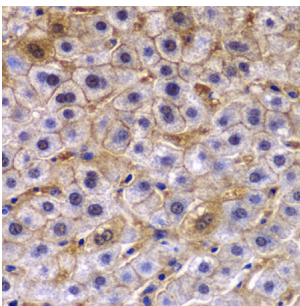
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Tectonic Family Member 3 (TCTN3) Antibody

Catalogue No.: abx000819



Western blot analysis of extracts of various cell lines, using TCTN3 antibody (abx000819) at 1/500 dilution.



Immunohistochemistry of paraffin-embedded human liver cancer using TCTN3 antibody (abx000819) at dilution of 1/100 (40x lens).

TCTN3 Antibody is a Rabbit Polyclonal antibody against TCTN3. Tect3 (tectonic-3), also known as TCTN3, is a 607 amino acid single-pass type I membrane protein that belongs to the tectonic family and exists as four alternatively spliced isoforms. Tect3 interacts with MKS1 and may be involved in apoptosis regulation. The gene that encodes Tect3 contains approximately 31,560 bases and maps to human chromosome 10q24.1. Spanning nearly 135 million base pairs and encoding nearly 1,200 genes, chromosome 10 makes up approximately 4.5% of the human genome. Several protein-coding genes, including those that encode chemokines, cadherins, excision repair proteins, early growth response factors (Egrs) and fibroblast growth receptors (FGFRs), are located on chromosome 10. Defects in some of the genes that map to chromosome 10 are associated with Charcot-Marie Tooth disease, Jackson-Weiss syndrome, Usher syndrome, nonsyndromic deafness, Wolman's syndrome, Cowden syndrome, Cockayne syndrome, multiple endocrine neoplasia type 2 and porphyria. Tetrahydrobiopterin deficiency and a number of syndromes involving defective skull and facial bone fusion are also linked to chromosome 10.

Target: TCTN3

Reactivity: Human, Mouse

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IHC

Recommended dilutions: WB: 1/500 - 1/2000, IHC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

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| | |
|--------------------------|---|
| Immunogen: | Recombinant protein of human TCTN3. |
| Purification: | Affinity purified. |
| Form: | Liquid |
| Isotype: | IgG |
| Conjugation: | Unconjugated |
| Storage: | Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles. |
| Molecular Weight: | Calculated MW: 22 kDa/47 kDa/50 kDa/66 kDa Observed MW: 72 kDa |
| Swiss Prot: | Q6NUS6 |
| GeneID: | 26123 |
| Gene Symbol: | TCTN3 |
| Concentration: | > 1 mg/ml |
| Buffer: | PBS, pH 7.3, 0.02% sodium azide, 50% glycerol. |
| Note: | This product is for research use only. |