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Datasheet for ABIN6991545
anti-TEKT5 antibody (AA 220-270)

Overview

Quantity:	0.1 mg
Target:	TEKT5
Binding Specificity:	AA 220-270
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TEKT5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	TEKT5 antibody was raised against a 17 amino acid synthetic peptide near the center of human TEKT5. The immunogen is located within amino acids 220 - 270 of TEKT5.
Isotype:	IgG
Specificity:	This antibody is predicted to not cross-react with other Tektin protein family members
Purification:	TEKT5 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TEKT5
Alternative Name:	TEKT5 (TEKT5 Products)
Background:	TEKT5 Antibody: Tektins are insoluble alpha-helical proteins related to intermediate filament

Target Details

proteins and are essential for the assembly of cilia and flagella. Tektin-5 (TEKT5) is a recently identified member of the Tektin family. It is predominantly expressed in testis, and its expression is upregulated during testis development. It is present in sperm flagella but not in heads, suggesting that it may act as a middle component required for flagellar stability and sperm mobility.

Gene ID: 146279

NCBI Accession: [NP_653275](#)

UniProt: [Q96M29](#)

Application Details

Application Notes: TEKT5 antibody can be used for detection of TEKT5 by Western blot at 0.5 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL.

Antibody validated: Western Blot in mouse samples and Immunohistochemistry in rat samples.
All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: TEKT5 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: TEKT5 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.