

## TEKT2 rabbit pAb

Catalog No: YT7611

**Reactivity:** Human; Mouse; Rat

**Applications:** WB

Target: TEKT2

Gene Name: TEKT2

**Protein Name:** TEKT2

Human Gene Id: 27285

Q9UIF3

Q922G7

**Human Swiss Prot** 

No:

Mouse Gene Id: 24084

**Mouse Swiss Prot** 

No:

**Rat Gene Id:** 298532

Rat Swiss Prot No: Q6AYM2

Immunogen: Synthesized peptide derived from human TEKT2 AA range: 224-274

**Specificity:** This antibody detects endogenous levels of TEKT2 at Human/Mouse/Rat

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

**Dilution:** WB 1 ? 500-2000

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

**Concentration**: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight: 47kD

**Background:** This gene product belongs to the tektin family of proteins. Tektins comprise a

family of filament-forming proteins that are coassembled with tubulins to form ciliary and flagellar microtubules. This gene is expressed in the testis and its protein is localized to the flagella of the sperms, indicating that it may play a role in

spermatogenesis. [provided by RefSeq, Jul 2008],

**Function:** function:Structural component of ciliary and flagellar microtubules. Plays a key

role in the assembly or attachment of the inner dynein arm to microtubules in sperm flagella and tracheal cilia. Forms filamentous polymers in the walls of ciliary and flagellar microtubules., similarity:Belongs to the tektin family., subcellular location:In sperm, observed in a discontinuous punctate pattern in the flagellum and in the postacrosomal head region., tissue specificity:Expressed at high levels in testis, trachea and fetal lung, and at lower levels in ovary, pituitary, adult lung.

fetal brain and fetal kidney.,

Subcellular Location :

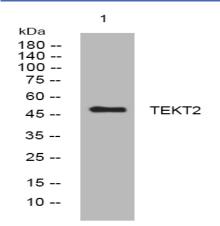
Cytoplasm, cytoskeleton, cilium axoneme . Cytoplasm, cytoskeleton, flagellum axoneme . Cytoplasm, cytoskeleton, microtubule organizing center . Colocalized

with CCDC172 at the perinuclear region. .

**Expression:** Expressed at high levels in testis, trachea and fetal lung, and at lower levels in

ovary, pituitary, adult lung, fetal brain and fetal kidney.

## **Products Images**



Western blot analysis of lysates from Hela cells, primary antibody was diluted at 1:1000, 4° over night