

## TEKT2 rabbit pAb

<b>Catalog No :</b>	YT7611
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB
<b>Target :</b>	TEKT2
<b>Gene Name :</b>	TEKT2
<b>Protein Name :</b>	TEKT2
<b>Human Gene Id :</b>	27285
<b>Human Swiss Prot No :</b>	Q9UIF3
<b>Mouse Gene Id :</b>	24084
<b>Mouse Swiss Prot No :</b>	Q922G7
<b>Rat Gene Id :</b>	298532
<b>Rat Swiss Prot No :</b>	Q6AYM2
<b>Immunogen :</b>	Synthesized peptide derived from human TEKT2 AA range: 224-274
<b>Specificity :</b>	This antibody detects endogenous levels of TEKT2 at Human/Mouse/Rat
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	47kD
<b>Background :</b>	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],
<b>Function :</b>	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.,
<b>Subcellular Location :</b>	Cytoplasm, cytoskeleton, cilium axoneme . Cytoplasm, cytoskeleton, flagellum axoneme . Cytoplasm, cytoskeleton, microtubule organizing center . Colocalized with CCDC172 at the perinuclear region. .
<b>Expression :</b>	Expressed at high levels in testis, trachea and fetal lung, and at lower levels in ovary, pituitary, adult lung, fetal brain and fetal kidney.

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