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Datasheet for ABIN6265804 anti-TUBG1 antibody (N-Term)

2 Images



Overview

Quantity:	100 μL
Target:	TUBG1
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TUBG1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human Tubulin gamma, corresponding to a region within N terminal amino acids.
lsotype:	lgG
Specificity:	Tubulin gamma Antibody detects endogenous levels of total Tubulin gamma.
Predicted Reactivity:	Zebrafish
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).
Taxat Dataila	

Target Details

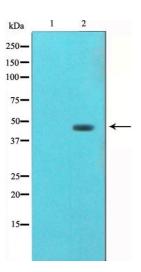
Target:

TUBG1

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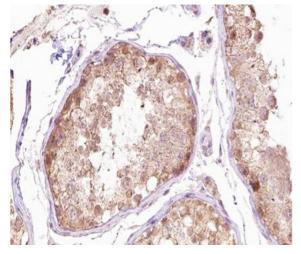
Target Details	
Alternative Name:	TUBG1 (TUBG1 Products)
Background:	Description: Tubulin is the major constituent of microtubules. The gamma chain is found at microtubule organizing centers (MTOC) such as the spindle poles or the centrosome. Pericentriolar matrix component that regulates alpha/beta chain minus-end nucleation, centrosome duplication and spindle formation. Gene: TUBG1
Molecular Weight:	51kDa
Gene ID:	7283
UniProt:	P23258
Pathways:	Microtubule Dynamics, M Phase
Application Details	
Application Notes:	WB: 1:500-1:3000, IHC: 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	
	Liquid
Concentration:	Liquid 1 mg/mL
Concentration:	1 mg/mL Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 %
Concentration: Buffer:	1 mg/mL Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Concentration: Buffer: Preservative:	1 mg/mL Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
Concentration: Buffer: Preservative: Precaution of Use:	1 mg/mL Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Western Blotting

Image 1. Western blot analysis on mouse brain cell lysate using Tubulin gamma Antibody.The lane on the left is treated with the antigen-specific peptide.



Immunohistochemistry

Image 2. ABIN6266666 at 1/100 staining human testis tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.