

For Research Use Only

TUBD1 Polyclonal antibody

Catalog Number: 27433-1-AP



Basic Information

Catalog Number: 27433-1-AP	GenBank Accession Number: BC000258	Purification Method: Antigen affinity purification
Size: 1000 µg/ml	GeneID (NCBI): 51174	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	UNIPROT ID: Q9UJT1	
Isotype: IgG	Full Name: tubulin, delta 1	
Immunogen Catalog Number: AG26626	Calculated MW: 51 kDa	
	Observed MW: 44 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells, HeLa cells, Jurkat cells
Species Specificity: human	

Background Information

TUBD1, also named as TUBD, Tubulin delta chain, tubulin delta 1. The TUBD1 gene encodes a centrosomal protein of 453-amino acids with a molecular mass of 51 kD containing the canonical GTP-binding domain shared with other tubulins. TUBD1 mRNA is preferentially expressed in the sperm head, but it has been also detected in retina, heart, muscle, thyroid, ovary, and colon, among other tissues. At least 6 isoforms of the human protein are produced by alternative splicing (PMID: 28137601). The molecular weights of these 6 isoforms are 51, 45, 22, 27, 44, and 40 kDa, respectively.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

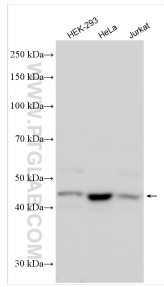
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27433-1-AP (TUBD1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.