antibodies -online.com







anti-TUBA4A antibody (AA 417-446)

Images



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- OVERVIEW		
Quantity:	0.4 mL	
Target:	TUBA4A	
Binding Specificity:	AA 417-446	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This TUBA4A antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)	
Product Details		
Immunogen:	A portion of amino acids 417-446 from the human protein was used as the immunogen for this TUBA4A antibody.	
Isotype:	Ig Fraction	
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat, Bovine, Primate	
Purification:	Antigen affinity purified	
Target Details		
Target:	TUBA4A	
Alternative Name:	TUBA4A (Tubulin alpha 4A) (TUBA4A Products)	
Background:	Microtubules of the eukaryotic cytoskeleton perform essential and diverse functions and are	

composed of a heterodimer of alpha and beta tubulin. The genes encoding these microtubule constituents are part of the tubulin superfamily, which is composed of six distinct families. Genes from the alpha, beta and gamma tubulin families are found in all eukaryotes. The alpha and beta tubulins represent the major components of microtubules, while gamma tubulin plays a critical role in the nucleation of microtubule assembly. There are multiple alpha and beta tubulin genes and they are highly conserved among and between species. This gene encodes an alpha tubulin that is a highly conserved homolog of a rat testis-specific alpha tubulin.

UniProt:

P68366

Pathways:

Microtubule Dynamics, M Phase

Application Details

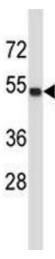
Application Notes:	Titration of the TUBA4A antibody may be required due to differences in protocols and	
	secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50	

Restrictions:

For Research Use only

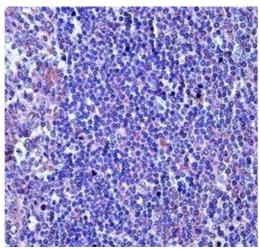
Handling

Format:	Liquid	
Buffer:	In 1X PBS pH 7.4 with 0.09 % 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	
Storage Comment:	Aliquot the TUBA4A antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.	



Western Blotting

Image 1. TUBA4A antibody western blot analysis in MDA-MB435 lysate.



Immunohistochemistry

Image 2. TUBA4A antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue.

Western Blotting

Image 3. TUBA4A antibody western blot analysis in MDA-MB435 lysate.