

Katanin p80 Polyclonal Antibody

Catalog NumberPA1-27821

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Human, Mouse, Rat
Host/Isotope	Chicken / IgY	Tested Applications	
Class	Polyclonal	Western Blot (WB)	Dilution *1:2,000
Type	Antibody	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	Synthetic peptide corresponding to human Katanin p80 subunit B 1 variant.		
Conjugate	Unconjugated		
Form	Liquid		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

PA1-27821 detects KAT from human, mouse, and rat samples. PA1-27821 may be successfully used in Western blot applications. By Western blot, this antibody has only been tested on fusion protein. The PA1-27449 immunogen is a synthetic peptide corresponding to human Katanin p80 subunit B 1 variant.

Background/Target Information

Microtubules, polymers of alpha and beta tubulin subunits, form the mitotic spindle of a dividing cell and help to organize membranous organelles during interphase. Katanin is a heterodimer that consists of a 60 kDa ATPase (p60 subunit A 1) and an 80 kDa accessory protein (p80 subunit B 1). The p60 subunit acts to sever and disassemble microtubules, while the p80 subunit targets the enzyme to the centrosome. Katanin is a member of the AAA family of ATPases.

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