

Datasheet for ABIN7268071
anti-KATNA1 antibody (AA 1-167)



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Overview

Quantity:	100 µL
Target:	KATNA1
Binding Specificity:	AA 1-167
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KATNA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	KATNA1 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-167 of human KATNA1 (NP_001191005.1).
Sequence:	MSLLMISENV KLAREYALLG NYDSAMVYYQ GVLDQMNKYL YSVKDTYLQQ KWQQVWQEIN VEAKHVKDIM KTLESFKLDS TPLKAAQHDH PASEGEVWSM PVPVERRPSP GPRKRQSSQY SDPKSHGNRP STTVRVHRSS AQNVHNDRGK AVRCREKKEQ NKGREEK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	KATNA1
Alternative Name:	KATNA1 (KATNA1 Products)
Background:	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. This gene encodes the p80 subunit. This protein is a member of the AAA family of ATPases. Multiple alternatively spliced variants, encoding the same protein, have been identified.,KATNA1,Kinase,Cell Biology & Developmental Biology,Cell Cycle,Neuroscience,KATNA1
Molecular Weight:	35kDa/55kDa
Gene ID:	11104
UniProt:	O75449
Pathways:	Microtubule Dynamics

Application Details

Application Notes:	WB,1:1000 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	Store at -20°C. Avoid freeze / thaw cycles.