antibodies

Datasheet for ABIN321009 anti-ACTR2 antibody (AA 81-130)

2 Images



Overview

Quantity:	100 µL
Target:	ACTR2
Binding Specificity:	AA 81-130
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit, Bat, Chicken, Monkey, Pig, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACTR2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p))
Product Details	
Immunogen:	Synthetic peptide located between aa81-130 of human ACTR2 (P61160, NP_001005386). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Elephant, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Turkey, Zebra finch, Chicken, Platypus, Lizard, Xenopus (100%), Salmon, Pike, Zebrafish (92%), Nematode (83%).
	Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human ACTR2 / ARP2

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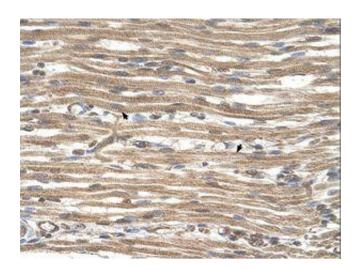
Product Details	
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Rabbit, Horse, Pig, Guinea pig,
	Chicken (100%).
Purification:	Protein A purified
Target Details	
Target:	ACTR2
Alternative Name:	ACTR2 / ARP2 (ACTR2 Products)
Background:	Name/Gene ID: ACTR2
	Synonyms: ACTR2, Actin-like protein 2, Actin-related protein 2, ARP2, Actin-related protein arp2
Gene ID:	10097
NCBI Accession:	NP_001005386
UniProt:	P61160
Pathways:	RTK Signaling, Regulation of Actin Filament Polymerization
Application Details	
Application Notes:	Approved: IHC, IHC-P, WB
	Usage: ELISA titer using peptide based assay: 1:1562500. Western Blot: Suggested dilution at
	2.5 $\mu\text{g}/\text{mL}$ in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted
	in 1:50000 - 100000 as second antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Distilled Water.
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.

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Handling

Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long
	term use (up to 1 year)
	Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



70 kDa______ 60 kDa_____ 48 kDa____ 36 kDa____ 21 kDa____ Image 1.

Image 2.

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