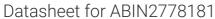
# antibodies .- online.com







# anti-KIF1A antibody (N-Term)



Image



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Target:

Quantity:	100 μL
Target:	KIF1A
Binding Specificity:	N-Term
Reactivity:	Mouse, Human, Rat, Cow, Dog, Guinea Pig, Zebrafish (Danio rerio), Horse, Saccharomyces cerevisiae, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF1A antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human KIF1A
Sequence:	TTIVNPKQPK ETPKSFSFDY SYWSHTSPED INYASQKQVY RDIGEEMLQH
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 79%, Rat: 100%, Yeast: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against KIF1A. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	

KIF1A

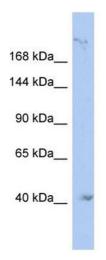
## Target Details

Alternative Name:	KIF1A (KIF1A Products)	
Background:	KIF1A is the motor for anterograde axonal transport of synaptic vesicle precursors. The protein	
	encoded by this gene is a member of the kinesin family. This protein is highly similar to mouse	
	heavy chain kinesin member 1A protein which is an anterograde motor protein that transports	
	membranous organelles along axonal microtubules. It is thought that this protein may play a	
	critical role in the development of axonal neuropathies resulting from impaired axonal	
	transport. There are multiple polyadenylation sites found in this gene. Sequence Note: X90840.	
	is a chimeric sequence. Only the ATSV region was propagated into this RefSeq record.	
	[6/26/03, RefSeq staff]. Publication Note: This RefSeq record includes a subset of the	
	publications that are available for this gene. Please see the Entrez Gene record to access	
	additional publications.	
	Alias Symbols: ATSV, C2orf20, DKFZp686l2094, FLJ30229, HUNC-104, MGC133285,	
	MGC133286, UNC104, MRD9, HSN2C, SPG30	
	Protein Interaction Partner: RFX6, RNF31, ADAMTSL4, TENC1, MTUS2, MID2, RBPMS, SPRY2,	
	FXR2, BZRAP1, RGS20, MKRN3, TRIP6, TRAF1, TRIM27, PSMA3, PLSCR1, MDFI, AR,	
	NOTCH2NL, SP1, Dlg4, UBC, SIRT7, RXRA, MED1, PPARG, ESR1, GIT1, KIF1A, UL56,	
	Protein Size: 1690	
Molecular Weight:	191 kDa	
Gene ID:	547	
NCBI Accession:	NM_004321, NP_004312	
UniProt:	Q12756	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 1690 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %	
	sucrose.	

### Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Images**



#### **Western Blotting**

**Image 1.** WB Suggested Anti-KIF1A Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: THP-1 cell lysate