



# Anti-KIF5A (internal region) polyclonal antibody (DPABH-09568)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Microtubule-dependent motor required for slow axonal transport of neurofilament proteins (NFH, NFM and NFL).
<b>Immunogen</b>	Synthetic peptide conjugated to KLH, corresponding to 20 internal sequence amino acids of Human Kinesin 5A (NP_004975.2).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P, ICC
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Constituent: 99% PBS
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">KIF5A kinesin family member 6A [ Homo sapiens ]</a>
<b>Official Symbol</b>	KIF5A
<b>Synonyms</b>	KIF5A; kinesin family member 5A; NKHC; MY050; SPG10; D12S1889; kinesin heavy chain isoform 5A; KIF5A variant protein; neuronal kinesin heavy chain; kinesin heavy chain neuron-specific 1; kinesin, heavy chain, neuron-specific;
<b>Entrez Gene ID</b>	<a href="#">3798</a>
<b>Protein Refseq</b>	<a href="#">NP_004975.2</a>
<b>UniProt ID</b>	<a href="#">Q12840</a>
<b>Pathway</b>	Adaptive Immune System; Dopaminergic synapse; Hemostasis; Insulin processing
<b>Function</b>	ATP binding; microtubule binding; microtubule motor activity; motor activity