

## ARG43891 anti-PLEKHG5 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes PLEKHG5
Tested Reactivity	Hu
Tested Application	ELISA, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PLEKHG5
Species	Human
Immunogen	Human PLEKHG5 recombinant protein
Conjugation	Un-conjugated
Alternate Names	PLEKHG5; Pleckstrin Homology And RhoGEF Domain Containing G5; GEF720; KIAA0720; Tech; Syx; Pleckstrin Homology Domain Containing, Family G (With RhoGef Domain) Member 5; Synectin-Binding Guanine Exchange Factor; PH Domain-Containing Family G Member 5; Guanine Nucleotide Exchange Factor 720; Novel PH Domain-Containing Protein; NFkB Activating Protein; CMTRIC; DSMA4

### Application Instructions

Application table	Application	Dilution
	ELISA	0.1-0.5 µg/ml
	ICC/IF	5 µg/ml
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na2HPO4 and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

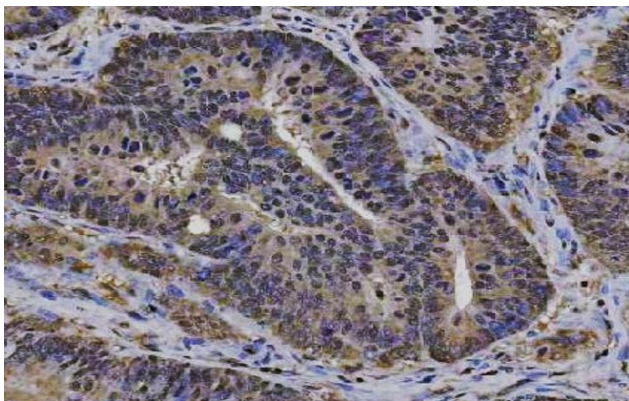
#### Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

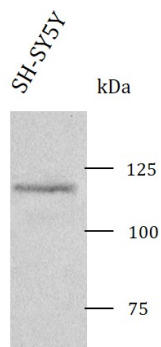
Gene Symbol	PLEKHG5
Gene Full Name	Pleckstrin Homology And RhoGEF Domain Containing G5
Background	This gene encodes a protein that activates the nuclear factor kappa B (NFKB1) signaling pathway. Mutations in this gene are associated with autosomal recessive distal spinal muscular atrophy. Multiple transcript variants encoding different isoforms have been found for this gene.
Function	Functions as a guanine exchange factor (GEF) for RAB26 and thus regulates autophagy of synaptic vesicles in axon terminal of motoneurons.
Calculated Mw	111 kDa
PTM	Phosphoprotein
Cellular Localization	Cell junction, Cell membrane, Cell projection, Cytoplasm, Membrane

## Images



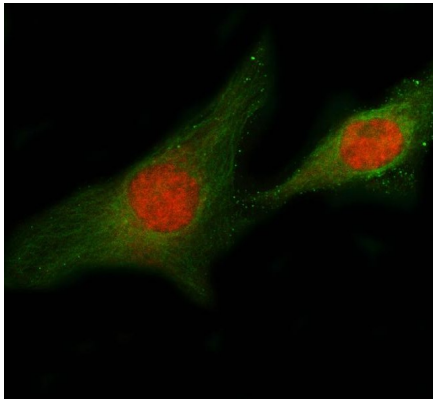
ARG43891 anti-PLEKHG5 antibody IHC-P image

Immunohistochemistry: Human colorectal adenocarcinoma stained with ARG43891 anti-PLEKHG5 antibody at 2 µg/ml dilution.



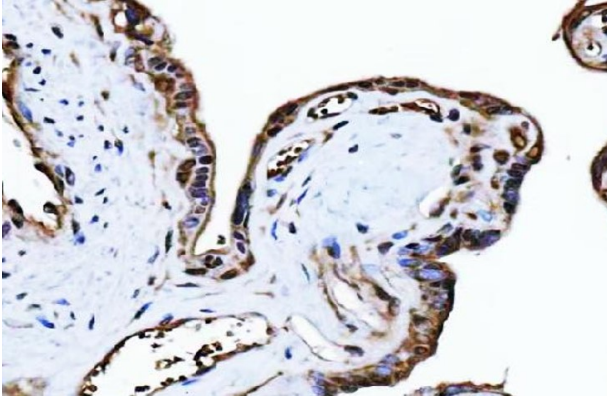
ARG43891 anti-PLEKHG5 antibody WB image

Western blot: SH-SY5Y ARG43891 anti-PLEKHG5 antibody at 0.5 µg/mL dilution.



ARG43891 anti-PLEKHG5 antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG43891 anti-PLEKHG5 antibody IHC-P image at 5 µg/ml dilution.



ARG43891 anti-PLEKHG5 antibody IHC-P image

Immunohistochemistry: Human placenta stained with ARG43891 anti-PLEKHG5 antibody at 2 µg/ml dilution.