

ARG45955 anti-RYK antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes RYK
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RYK
Species	Human
Immunogen	Recombinant protein containing to human RYK.
Conjugation	Un-conjugated
Alternate Names	Receptor Like Tyrosine Kinase; RYK; JTK5A; Tyrosine-protein kinase RYK; EC 2.7.10.1

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	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.	
Observed Size	75 kDa	

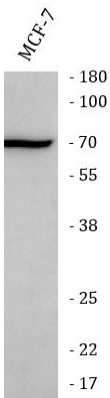
Properties

Form	Liquid
Purification	Affinity chromatography purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl 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 -22°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

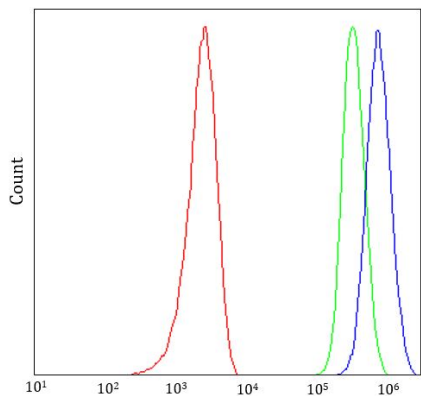
Gene Symbol	RYK
Gene Full Name	Receptor Like Tyrosine Kinase
Background	The protein encoded by this gene is an atypical member of the family of growth factor receptor protein tyrosine kinases, differing from other members at a number of conserved residues in the activation and nucleotide binding domains. This gene product belongs to a subfamily whose members do not appear to be regulated by phosphorylation in the activation segment. [provided by RefSeq, Jul 2008]
Function	May be a coreceptor along with FZD8 of Wnt proteins, such as WNT1, WNT3, WNT3A and WNT5A. Involved in neuron differentiation, axon guidance, corpus callosum establishment and neurite outgrowth. In response to WNT3 stimulation, receptor C-terminal cleavage occurs in its transmembrane region and allows the C-terminal intracellular product to translocate from the cytoplasm to the nucleus where it plays a crucial role in neuronal development. [UniProt]
Calculated Mw	68 kDa
PTM	Phosphoprotein; Disulfide bond; Glycoprotein. [UniProt]. [UniProt]
Cellular Localization	Nucleus; Cytoplasm; Membrane. [UniProt]

Images



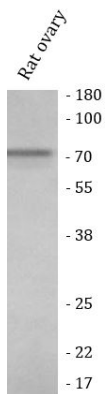
ARG45955 anti-RYK antibody WB image

Western blot: MCF-7 stained with ARG45955 anti-RYK antibody at 0.5 µg/ml dilution.



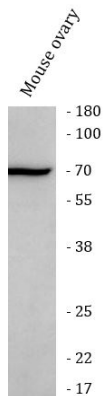
ARG45955 anti-RYK antibody FACS image

Flow Cytometry: MCF-7 stained with ARG45955 anti-RYK antibody at 1 µg/10⁶ cells dilution.



ARG45955 anti-RYK antibody WB image

Western blot: Rat ovary stained with ARG45955 anti-RYK antibody at 0.5 µg/ml dilution.



ARG45955 anti-RYK antibody WB image

Western blot: Mouse ovary stained with ARG45955 anti-RYK antibody at 0.5 µg/ml dilution.