

Product Name: RYK Rabbit Monoclonal Antibody
Catalog #: AMRe02801



Summary

Production Name	RYK Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	RYK
Alternative Names	ERK 3; JTK5; JTK5A; Ryk; RYK1; Vik
Gene ID	6259
SwissProt ID	P34925

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20
Molecular Weight	Calculated MW: 68 kDa; Observed MW: 72 kDa

Background

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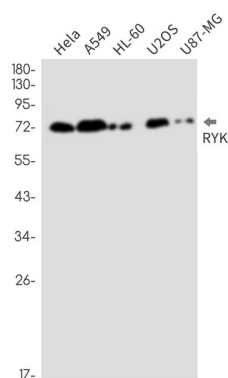


May be a coreceptor along with FZD8 of Wnt proteins, such as WNT1, WNT3, WNT3A and WNT5A. Involved in neuron differentiation, axon guidance, corpus callosum establishment and neurite outgrowth. In response to WNT3 stimulation, receptor C-terminal cleavage occurs in its transmembrane region and allows the C-terminal intracellular product to translocate from the cytoplasm to the nucleus where it plays a crucial role in neuronal development.

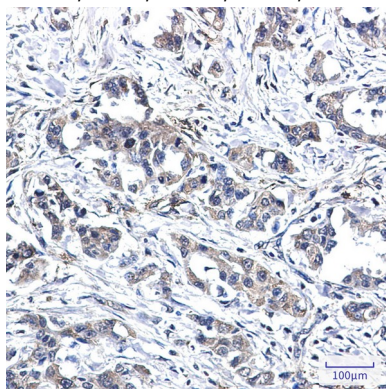
Research Area

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Image Data

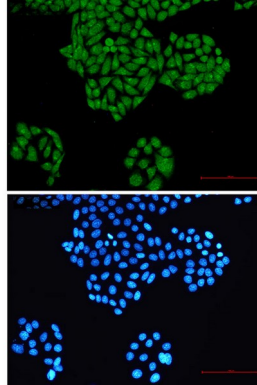


Western blot analysis of RYK in HeLa, A549, HL-60, U2OS, U87-MG lysates using RYK antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using RYK antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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Immunocytochemistry analysis of RYK (green) in hela using RYK antibody, and DAPI (blue)

Note

For research use only.