

**Product Name: RYK (13H7) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe17455**



## Summary

<b>Production Name</b>	RYK (13H7) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	RYK
<b>Alternative Names</b>	ERK 3; JTK5; JTK5A; Ryk; RYK1; Vik;
<b>Gene ID</b>	6259.0
<b>SwissProt ID</b>	P34925.A synthetic peptide of human RYK

## Application

<b>Dilution Ratio</b>	WB: 1:5000-1:10000
<b>Molecular Weight</b>	68kDa

## Background

May be a coreceptor along with FZD8 of Wnt proteins, such as WNT1, WNT3, WNT3A and WNT5A. Involved in neuron

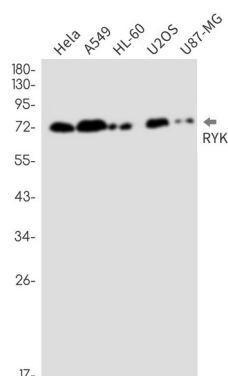
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differentiation, axon guidance, corpus callosum establishment and neurite outgrowth. In response to WNT3 stimulation, receptor C-terminal cleavage occurs in its transmembrane region and allows the C-terminal intracellular product to translocate from the cytoplasm to the nucleus where it plays a crucial role in neuronal development. 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

## Image Data



Western blot detection of RYK in Hela,A549,HL-60,U2OS,U87-MG cell lysates using RYK antibody(1:1000 diluted).

## Note

For research use only.