

Rabbit anti-Human RYK Polyclonal Antibody | anti-RYK antibody

RYK Antibody

CATALOG # AAA234794	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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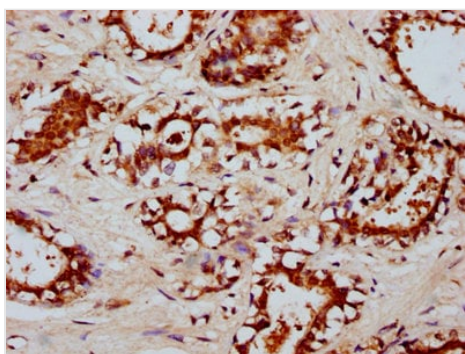
PRODUCT SYNONYMS

RYK; Polyclonal Antibody; RYK Antibody; Tyrosine-protein kinase RYK; JTK5A; anti-RYK antibody

PRODUCT SPECIFICATIONS

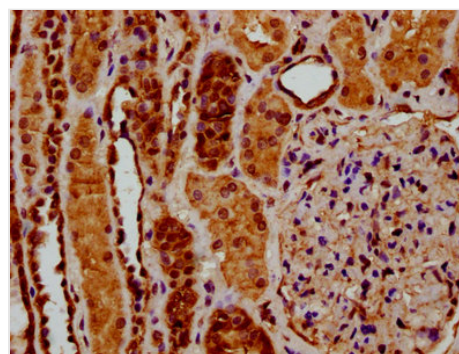
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	610
Applicable Applications for anti-RYK antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Tyrosine-protein kinase RYK protein (494-586AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



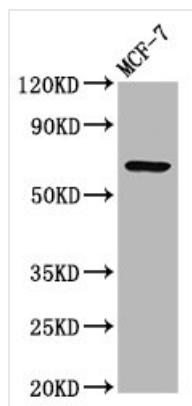
IHC (Immunohistochemistry)

IHC image of AAA234794 diluted at 1:200 and staining in paraffin-embedded human breast cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234794 diluted at 1:200 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: MCF-7 whole cell lysate
 All lanes: RYK antibody at 3.3ug/ml
 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution
 Predicted band size: 68 KDa
 Observed band size: 68 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-RYK antibody	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.
Product Categories/Family for anti-RYK antibody	Signal transduction ; Stem cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	54607020
NCBI GeneID	6259
NCBI Accession #	NP_001005861.1
NCBI GenBank Nucleotide #	NM_001005861.2
UniProt Accession #	P34925 ; Q04696
Molecular Weight	67,764 Da
NCBI Official Full Name	tyrosine-protein kinase RYK isoform 1
NCBI Official Synonym Full Names	receptor-like tyrosine kinase
NCBI Official Symbol	RYK
NCBI Official Synonym Symbols	JTK5; RYK1; JTK5A; D3S3195
NCBI Protein Information	tyrosine-protein kinase RYK
UniProt Protein Name	Tyrosine-protein kinase RYK
UniProt Gene Name	RYK
UniProt Synonym Gene Names	JTK5A

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/ryk-antibody-immunohistochemistry-western-blot-elisa/234794>