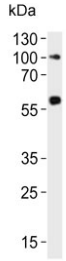
RYK Antibody (F54254)

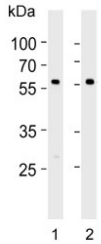
Catalog No.	Formulation	Size
F54254-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54254-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

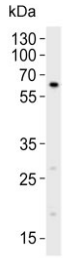
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P34925
Gene ID	6259
Applications	Western Blot : 1:1000 Immunohistochemistry (FFPE) : 1:50-1:100
Limitations	This RYK antibody is available for research use only.



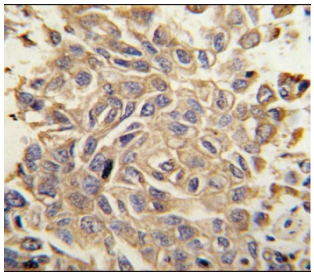
Western blot testing of human ovary lysate with RYK antibody. Predicted molecular weight ~68 kDa.



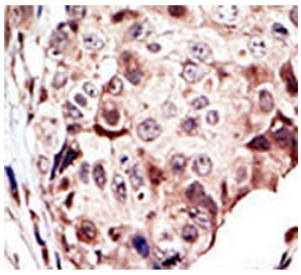
Western blot testing of mouse 1) lung and 2) ovary lysate with RYK antibody. Predicted molecular weight ~68 kDa.



Western blot testing of mouse NIH 3T3 cell lysate with RYK antibody. Predicted molecular weight ~68 kDa.



IHC testing of FFPE human lung carcinoma with RYK antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



IHC testing of FFPE human breast cancer with RYK antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Description

RYK 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. It has been suggested that mediation of biological activity by recruitment of a signaling-competent auxiliary protein may occur through an as yet uncharacterized mechanism. A nine nucleotide insertion in some transcripts results in the SLG variant. It is not established whether this is a product of alternative splicing or a second gene, since evidence for a second gene or pseudogene on chromosome 17 exists.

Application Notes

The stated application concentrations are suggested starting points. Titration of the RYK antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 160-190 from the human protein were used as the immunogen for the RYK antibody.

Storage

Aliquot the RYK antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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