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EB11542 - Goat Anti-Ryk (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: AW536699, ERK-3, growth factor receptor, kinase VIK, met-related kinase, NYK-R, receptor-like tyrosine kinase, Ryk, tyrosine-protein kinase RYK, Vik

Official Symbol: Ryk

Accession Number(s): NP_038677.3; NP_001036072.1

Human GeneID(s): 6259

Non-Human GenelD(s): 20187 (mouse), 140585 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_038677.3; NP_001036072.1).

Immunogen

Peptide with sequence C-HAKSKVEYKLGFQ, from the internal region of the protein sequence according to NP_038677.3; NP_001036072.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Preliminary experiments gave an approx 85kDa band in Mouse Lung lysates after 0.1μg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 66.3kDa according to NP_038677.3. The 85kDa band was successfully blocked by incubation with the immunizing peptide.

Species Reactivity

Tested:

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow