

International Office

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Research Use Only. Not for diagnostic or therapeutic use.

EB05422 - Goat Anti-RGS5 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: RGS5, regulator of G-protein signalling 5, Regulator of G protein signaling-5, RP11-430G6.2, MST092, MST106, MST129, MSTP032, MSTP092,

MSTP106, MSTP129
Official Symbol: RGS5

Accession Number(s): NP_003608.1

Human GeneID(s): 8490

Important Comments: This antibody is expected to recognise isoform 1 (NP_003608.1)

only.

Immunogen

Peptide with sequence KGLAALPHSCLER, from the N Terminus of the protein sequence according to NP_003608.1.

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: Western blot: Approx 40kDa band seen in Human Lung lysate. Recommended for use at 1-3μg/ml. Please note that we cannot find any reference indicating what size RGS5 runs on SDS PAGE; we also cannot find any obvious reason for it to run at 40kDa. Do you know of anyone who has made an antibody and found it running at the expected weight - it would be very useful for us to know for the purpose of further testing.

Species Reactivity

Tested: Human

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