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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB06239 - Goat Anti-PIST / FIG / GOPC Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: dJ94G16.2 PIST, dJ94G16.2, GOPC1, FIG, CAL, golgi associated PDZ and coiled-coil motif containing, Golgi associated PDZ and coiled-coil motif containing protein, CFTR-associated ligand, fused in glioblastoma, PDZ/coiled-coil domain binding partner for the rho-family GTPase TC10, CAL, GOPC, PIST

Official Symbol: GOPC

Accession Number(s): NP_065132.1; NP_001017408.1

Human GeneID(s): [57120](#)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_065132.1; NP_001017408.1).

Immunogen

Peptide with sequence C-LDDLHTLYHKKSY, from the C Terminus of the protein sequence according to NP_065132.1; NP_001017408.1.

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 1:128000.

Western blot: Approx. 55kDa band observed in Human Brain (Frontal Cortex) lysates (calculated MW of 50.5kDa according to NP_065132.1). Recommended concentration: 0.05-0.2µg/ml.

Immunofluorescence: This product has been successfully used on HeLa cells.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog, Cow

Specific Reference

The goat antibody described in this paper has been manufactured by us Hicks SW, Machamer CE.

Isoform-specific interaction of golgin-160 with the Golgi-associated protein PIST. J Biol Chem. 2005 Aug 12;280(32):28944-51.

PMID: 15951434



EB06239 (0.05 μ g/ml) staining of Human Frontal Cortex lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.