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Research Use Only. Not for diagnostic or therapeutic use.

EB05952 - Goat Anti-GPS1 / COPS1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: GPS1, COPS1, G protein pathway suppressor 1, Arabidopsis

FUS6/COP11 homolog, CSN1, MGC71287

Official Symbol: GPS1

Accession Number(s): NP_997657.1; NP_004118.3

Human GeneID(s): 2873

Non-Human GenelD(s): 209318 (mouse), 117039 (rat)

Important Comments: This antibody is expected to recognise isoform 1 (NP_997657.1)

and isoform 2 (NP_004118.3).

Immunogen

Peptide with sequence C-PANSQSRMSTNM, from the C Terminus of the protein sequence according to NP_997657.1; NP_004118.3.

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: Approx 55kDa band observed in Human Testis lysate (predicted MW of 58kDa according to NP_004118). Recommended for use at 0.5µg/ml. Primary incubation was for 1 hour.

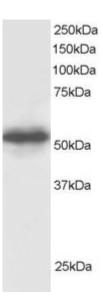
IHC: Paraffin embedded Human Prostate, Testis and Tonsil. Recommended

concentration: 5µg/ml.

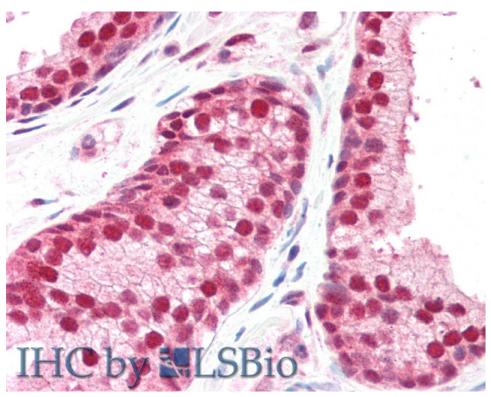
Species Reactivity

Tested: Human

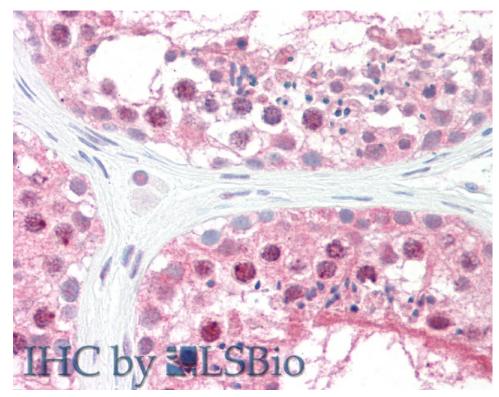
Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



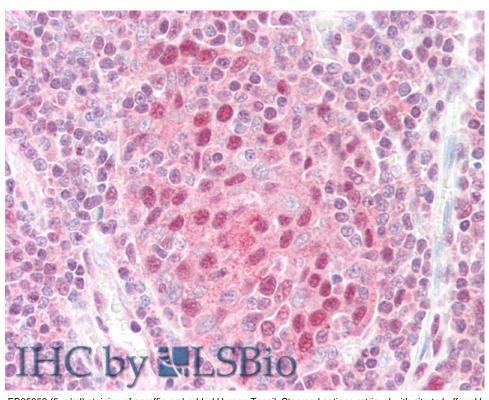
EB05952 staining (0.5μg/ml) of Human Testis lysate (RIPA buffer, 30μg total protein per lane). Detected by chemiluminescence.



EB05952 ($5\mu g/ml$) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB05952 (5μg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB05952 (5μg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.