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EB07541 - Goat Anti-Semaphorin 3E (internal) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SEMA3E, sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3E, KIAA0331, M-SEMAH, M-SemaK, M-sema H, SEMAH, coll-5, sema domain, immunoglobulin domain (Ig), short basic domain, secreted,

3E, semaphorin 3E

Official Symbol: SEMA3E

Accession Number(s): NP_036563.1; NP_001171600.1

Human GenelD(s): 9723

Non-Human GenelD(s): 20349 (mouse)

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

(NP_036563.1; NP_001171600.1).

Immunogen

Peptide with sequence C-NGGRYGTTKDYPDD, from the internal region of the protein sequence according to NP_036563.1; NP_001171600.1.

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.

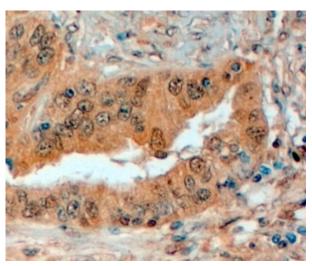
Western blot: Preliminary experiments gave an approx 35kDa band in Human Prostate lysates after 0.03μg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 89.2kDa according to NP_036563.1. The 35kDa band was successfully blocked by incubation with the immunizing peptide.

IHC: In paraffin embedded Human Prostate shows membranous staining of secretory cells in the gland. Recommended concentration, 4-6µg/ml.

Species Reactivity

Tested: Human

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



EB07541 ($4\mu g/ml$) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.