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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB08380 - Goat Anti-TUSC3 / N33 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TUSC3, tumor suppressor candidate 3, D8S1992, MGC13453, N33, OST3A, Putative prostate cancer tumor suppressor

Official Symbol: TUSC3

Accession Number(s): NP_006756.2; NP_839952.1

Human GeneID(s): [7991](#)

Non-Human GeneID(s): 80286 (mouse), 290783 (rat)

Important Comments: This antibody is expected to recognise both reported isoforms (NP_006756.2; NP_839952.1).

Immunogen

Peptide with sequence PQRQCSVCRQAN, from the internal region of the protein sequence according to NP_006756.2; NP_839952.1.

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 1:1000.

Western blot: Approx 37kDa band observed in Human Liver lysates (calculated MW of 39.7kDa according to NP_006756.2 and of 39.6kDa according to NP_839952.1).

Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 22kDa. This band was successfully blocked by incubation with the immunising peptide. We would appreciate any feedback from people in the field - have any such results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested: Human

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

EB08380 (1µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.