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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.

EB06098 - Goat Anti-SAE2 / UBA2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SUMO-1 activating enzyme subunit 2, SAE2, UBA2

Official Symbol: SAE2

Accession Number(s): NP_005490

Human GeneID(s): [10054](#)

Non-Human GeneID(s): 50995 (mouse)

Immunogen

Peptide with sequence ALSRGLPRELAEA-C, from the N Terminus of the protein sequence according to NP_005490.

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 1:16000.

Western blot: Preliminary experiments showed an approx. 35kDa band in Human Testis and Brain extracts at 1ug of primary, this band was successfully blocked by incubation with the immunising peptide. Please note that currently we cannot find an explanation in the literature for the band we observe given the predicted size of approx. 74kDa according to NP_005490. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any splice variants/modified forms been reported?

Species Reactivity

Tested:

Expected from sequence similarity: Human, Mouse