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

EB08131 - Goat Anti-TREX2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: three prime repair exonuclease 2, 3\1-5\1 exonuclease

Official Symbol: TREX2

Accession Number(s): NP_542432.2

Human GeneID(s): [11219](#)

Immunogen

Peptide with sequence C-HRSSLENPEHDES, from the internal region of the protein sequence according to NP_542432.2.

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.

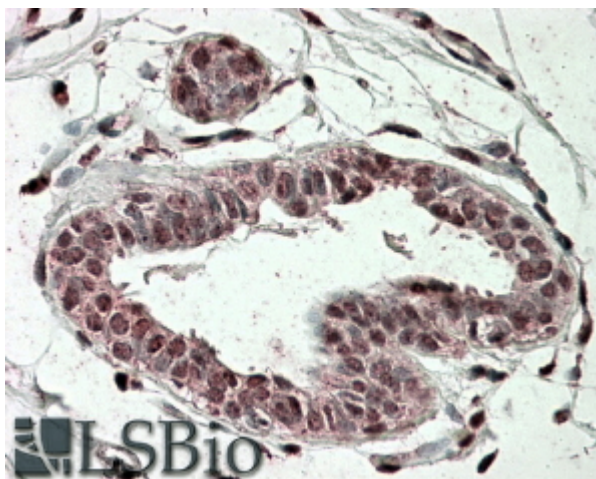
Western blot: Preliminary experiments gave an approx 18kDa band in lysates of Jurkat, MOLT4 and U937 after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 25.9kDa according to NP_542432.2. The 18kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

IHC: In paraffin embedded Human Breast shows nuclear staining in the luminal epithelial duct cells. Recommended concentration, 3-6µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB08131 (3.8µg/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.