

## UK Office

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

## EB06063 - Goat Anti-TREX2 Antibody

Size: 100µg specific antibody in 200µl

### Target Protein

**Principal Names:** TREX2, UIP1, XQ28ORF, three prime repair exonuclease 2, 3\1-5\1 exonuclease, expressed-Xq28STS protein, Xq28, 2000bp sequence contg. ORF, 26S proteasome-associated UCH interacting protein 1

**Official Symbol:** TREX2

**Accession Number(s):** NP\_009136; NP\_542430; NP\_542431; NP\_542432

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

**Important Comments:** This antibody is expected to recognise human isoforms 1-4 (NP\_009136; NP\_542430; NP\_542431; NP\_542432), not human isoform 5, also known as UIP1 (NP\_059988).

### Immunogen

Peptide with sequence C-PMYLPPDDPSLEA, from the C Terminus of the protein sequence according to NP\_009136; NP\_542430; NP\_542431; NP\_542432.

### 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:** Western Blot: Preliminary experiments gave an approx 45-48kDa band in Hela, Human Kidney and Human Brain lysates at 1ug/ml. Further, 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. 27-32kDa according to NP\_009136; NP\_542430; NP\_542431; NP\_542432. 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?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human