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

EB08557-T - Goat Anti-XBP1 / TREB5 Antibody - Trial

Size: 20µg specific antibody in 40µl



Target Protein

Principal Names: XBP1, TREB5, X-box binding protein 1, XBP2, OTTHUMP00000028682, X-box-binding protein-1

Official Symbol: XBP1

Accession Number(s): NP_001073007.1

Human GeneID(s): [7494](#)

Non-Human GeneID(s): 22433 (mouse)

Important Comments: This antibody is expected to recognise isoform XBP1(S) (NP_001073007.1) only.

Immunogen

Peptide with sequence C-NHSWEDTFANELFPQ, from the internal region of the protein sequence according to NP_001073007.1.

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 1:4000.

Western blot: Approx 38kDa band observed in Nuclear lysates of cell line HeLa (calculated MW of 40.1kDa according to NP_001073007.1). Recommended concentration: 1-3µg/ml.

IHC: Paraffin embedded Human Breast. Recommended concentration: 5µg/ml.

Species Reactivity

Tested: Human

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

EB08557 (1µg/ml) staining of nuclear HeLa lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.

EB08557 (5µg/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.