

Goat anti-XBP1 / TREB5 Antibody

Item Number	dAP-1446
Target Molecule	Principle Name: XBP1 / TREB5; Official Symbol: XBP1; All Names and Symbols: XBP1; TREB5; X-box binding protein 1 ; XBP2; OTTHUMP00000028682; X-box-binding protein-1; Accession Number (s): NP_001073007.1; Human Gene ID(s): 7494; Non-Human GenelD(s): 22433 (mouse)
Immunogen	NHSWEDTFANELFPQ, is from internal region This antibody is expected to recognise isoform XBP1(S) (NP_001073007.1) only.
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 4000.
Western Blot	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	Immunohistochemistry: Paraffin embedded Human Breast. Recommended concentration: 5µg/ml.
Reference	Reference(s): Yokouchi M, Hiramatsu N, Hayakawa K, Okamura M, Du S, Kasai A, Takano Y, Shitamura A, Shimada T, Yao J, Kitamura M. Involvement of selective reactive oxygen species upstream of proapoptotic branches of unfolded protein response. <i>J Biol Chem</i> . 2007 Dec 17; [Epub ahead of print]. PMID: 18086661 -

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**