

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **XBP1 RABBIT MAB**

Cat.#: N263608

Product Name: Anti-XBP1 Rabbit Monoclonal Antibody

**Synonyms:** XBP1; TREB5; XBP2; X-box-binding protein 1; XBP-1; Tax-

responsive element-binding protein 5

**UNIPROT ID: P17861** 

**Background:** Acts during endoplasmic reticulum stress (ER) by activating unfolded protein response (UPR) target genes via direct binding to the UPR element (UPRE). Binds DNA preferably to the CRE-like element 5'-GATGACGTG[TG]N(3)[AT]T-3', and also to some TPA response elements (TRE). Binds to the HLA DR-alpha promoter. Binds to the Tax-responsive element (TRE) of HTLV-I.

Immunogen: Recombinant protein of human XBP1

**Applications:** WB,IP

**Recommended Dilutions:** WB: 1/500-1/1000 IP: 1/20

Host Species: Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R04-3E2

MW: Calculated MW: 29 kDa; Observed MW: 29 kDa

**Isotype:** IgG

Purification: Affinity Purified

Species Reactivity: Human, Mouse

**Conjugation:** Unconjugated **Modification:** Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

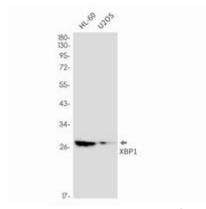
Research Areas: Epigenetics and Nuclear Signaling

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

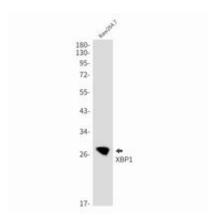


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Western blot analysis of XBP1 in HL-60, U2OS lysates using XBP1 antibody.



Western blot analysis of XBP1 in Raw264.7 lysates using XBP1 antibody.