

## **XBP1 RABBIT MAB**

**Cat.#:** N263608

**Product Name:** Anti-XBP1 Rabbit Monoclonal Antibody

**Synonyms:** XBPI; 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 XBPI

**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

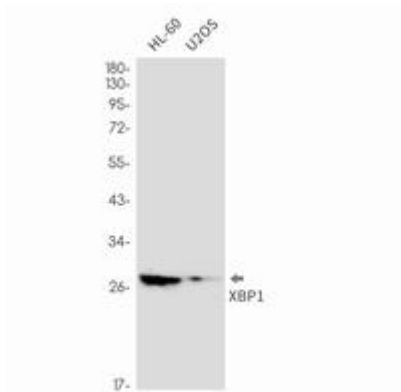
**Conjugation:** Unconjugated

**Modification:** Unmodified

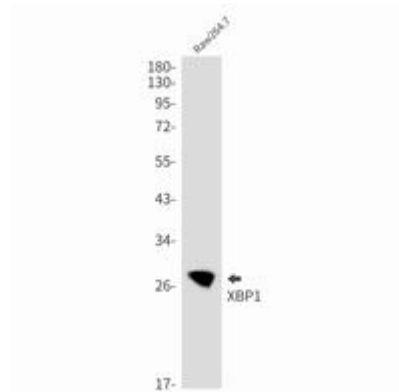
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Epigenetics and Nuclear Signaling

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



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



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