

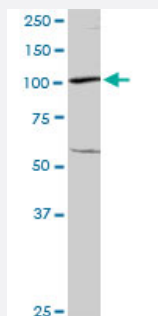
MaxPab®

UBA7 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00007318-D01P

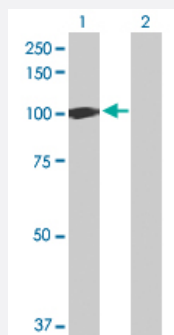
Size 100 ug

Applications



Western Blot (Tissue lysate)

UBA7 MaxPab rabbit polyclonal antibody. Western Blot analysis of UBA7 expression in human stomach.

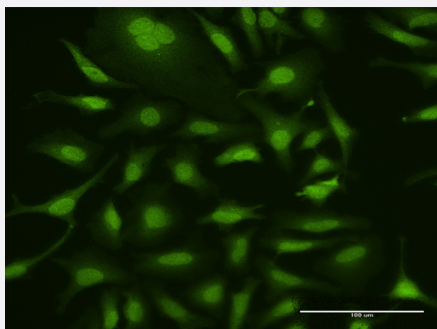


Western Blot (Transfected lysate)

Western Blot analysis of UBA7 expression in transfected 293T cell line ([H00007318-T03](#)) by UBA7 MaxPab polyclonal antibody.

Lane 1: UBA7 transfected lysate(111.70 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to UBA7 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human UBA7 protein.

Immunogen	UBA7 (NP_003326.2, 1 a.a. ~ 1012 a.a) full-length human protein.
Sequence	MDALDASKLLDEELYSRQLYVLGSPAMQRIQGARVLVSGLQGLGAEVAKNLVLMGVGSLTLHDP HPTCWSDLAAQFLLSEQDLERSRAEASQELLAQLNRAVQVVVHTGDITEDLLLDQVVVLTAACL EEQLKVGTLCHKHGVCFLAADTRGLVGQLFCDFGEDFTVQDPTEAEPLTAAIQHISQGSPGILTLR KGANTHYFRDGLVTFSGIEGMVELNDCDPRSIHVREDGSLEIGDTTTFSTRYLRGGAITEVKRPKT VRHKSOLDTALLQPHVVAQSSQEVHHAHCLHQAFCALHKFQHLHGRPPQPWDPVDAETVVGLAR DLEPLKRTEEEPLEEPLDEALVRTVALSSAGVLSPMVAMLGAVAAQEV LKAISRKFMPLDQWLY FDALDCLPEDGELLPSPEDCALRGSRYDGQIAVFGAGFQEKLRQHYLLVGAGAIGCELLKV FAL VGLGAGNSGGLTVVDMDHIERSNLSRQFLFRSQDVGRPKAEVAAAAARGLNPD LQVIPLTYPLDP TTEHIYGDNFFSRVDGVAAALDSFQARRYVAARCTHYLKP LLEAGTSGTWGSATVFM PHVTEAYR APASAAA SEDAPYPVCTVRYFPSTAEHTLQWARHEFEELFRLSAETINHHQQAHTSLADMDEPQ TLTLLKPV LGVLRVPQNWQDCVAWALGHWKLCFHYGIKQLLRHFPPNKVLEDGTPFWSGPKQ CPQPLEFD TNQDTHLLYVLAANLYAQMHGLPGSQDWTALRELLKLLPQPD PQQMAPIFASNLEL ASASAEFGPEQQKELNKALEVWSVGPPLKPLMFEKDDDSNFHVD FVVAASLRQCQNYGIPPVN RAQSKRIVGQII PAIATTTAAVAGLLGLELYKVVS GPRPRSAFRHSYLHLAENYLIRYMPFAPAIQTFH HLKWTSWDR LKVPAGQP PERTLESLLAHLQE QHGLRVRILLHGSALLYAAGWSPEKQAQHLPLRV TEL VQQLTGQAPAPGQ RVLVLELSCEGDD EDTAF PPLHYEL
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

UBA7 MaxPab rabbit polyclonal antibody. Western Blot analysis of UBA7 expression in human stomach.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of UBA7 expression in transfected 293T cell line ([H00007318-T03](#)) by UBA7 MaxPab polyclonal antibody.

Lane 1: UBA7 transfected lysate(111.70 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to UBA7 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — UBA7

Entrez GeneID [7318](#)**GeneBank Accession#** [NM_003335.2](#)**Protein Accession#** [NP_003326.2](#)**Gene Name** UBA7**Gene Alias** D8, MGC12713, UBA1B, UBE1L, UBE2**Gene Description** ubiquitin-like modifier activating enzyme 7**Omim ID** [191325](#)**Gene Ontology** [Hyperlink](#)

Gene Summary

The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E1 ubiquitin-activating enzyme family. The encoded enzyme is a retinoid target that triggers promyelocytic leukemia (PML)/retinoic acid receptor alpha (RARalpha) degradation and apoptosis in acute promyelocytic leukemia, where it is involved in the conjugation of the ubiquitin-like interferon-stimulated gene 15 protein. [provided by RefSeq]

Other Designations UBA1, ubiquitin-activating enzyme E1 homolog B|UBA7, ubiquitin-activating enzyme E1|ubiquitin-activating enzyme E1-like|ubiquitin-activating enzyme E1-related protein|ubiquitin-activating enzyme-2

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Crohn Disease](#)
- [Genetic Predisposition to Disease](#)