

DNAxPAb

Hard-to-Find
Antibody

UBA7 DNAxPab

Catalog # H00007318-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human UBA7 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence

MDALDASKLLDEELYSRQLYVLGSPAMQRIQGARVLVSGLQGLGAEVAKNLVLMGVGSLTLHDP
HPTCWSDLAAQFLLSEQDLERSRAEASQELLAQLNRAVQVVVHTGDITEDLLLDQFQVVVLTAACL
EEQLKVGTLCHKHGVCFLAADTRGLVGQLFCDFGEDFTVQDPTEAEPLTAAIQHISQGSPGILTLR
KGANTHYFRDGLVTFSGIEGMVELNDCDPRSIHVREDGSLEIGDTTTFSRYLRGGAITEVKRPKT
VRHKSOLDTALLQPHVVAQSSQEVHHAHCLHQAFCALHKFQHLHGRPPQPWDPVDAETVVGLAR
DLEPLKRTEEEPLEEPLDEALVRTVALSSAGVLSPMVAMLGAVAAQEVKAIKSRKFMPLDQWLY
FDALDCLPEDGELLPSPEDCALRGSRYDGQIAVFGAGFQEKLRQHYLLVGAGAIGCELLKVFA
VGLGAGNSGGLTVVDMDHIERSNLSRQFLFRSQDVGRPKAEVAAAAARGLNPDQVIPLTYPLDP
TTEHYGDNFFSRVDGVAAALDSFQARRYVAARCTHYLKPILLEAGTSGTWGSATVFMPhVTEAYR
APASAAASEDAPYPVCTVRYFPSTAETLQWARHEFEELFRLSAETINHHQQAHTSLADMDEPQ
TLTLLKPVGLVLRVPQNWQDCVAWALGHWKLCFHYGIKQLLRHFPPNKVLEDGTPFWSGPKQ
CPQPLEFDTNQDTHLLYLAAANLYAQMHGLPGSQDWTALRELLKLLPQPDQPQMAPIFASNLEL
ASASAEFGPEQQKELNKALEVWSVGPPLKPLMFEKDDDSNFHVDVFAAASLRCQNYGIPPVN
RAQSKRIVGQIIIPAIAATTTAAVAGLLGLELYKVVSGPRPRSAFRHSYLHLAENYLIRYMPFAPAIQTFH
HLKWTSWDRCLKVPAGQPRTLHSLAHLQEQHGLRVRILLHGSALLYAAGWSPEKQAQHLPLRV
TELVQQLTGQAPAPGQRLVLELSCEGDDEDTAFPPPLHYEL

Host Rabbit

Reactivity Human

Purification Protein A

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 (Transfected lysate)
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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](#)