

DNAxPAb

Hard-to-Find
Antibody

UBA3 DNAxPab

Catalog # H00009039-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human UBA3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MADGEEPERKRRRIEELLA EKMAVDGGCGDTGDWEGRWNVKKFLERSGPFTHPDFEPSTES LQFLLDTCVKLVIGAGGLGCELLKNLALSGFRQIHVIDMDTIDVSNLNRQFLFRPKDIGRPKAEVAA EFLNDRVPNCNVVPHFNKIQDFNDTFYRQFHIVCGLDSIARRWINGMLISLLNYEDGVLPSSIVPLI DGGTEGFKGNARVILPGMTACIECTLELYPPQVNFMCTIASMPRLPEHCIEYRMLQWPKEQPF GEGVPLDGGDDPEHIQWIFQKSLERASQYNIRGVTYRLTQGVVKRIIPAVASTNAVIAAVCATEVFkia TSAYIPLNNYLVFNDVDGLYTYTFAERKENCPACSQLPQNIQFSPSAKLQEVLDYLTNSASLQMK SPAITATLEGKNRTLYLQSVTSIEERTRPNLSKTLKELGLVDGQELAVADVTPQTVLFKLHFTS
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 — UBA3

Entrez GeneID [9039](#)

GeneBank Accession# [BC022853.1](#)

Protein Accession# [AAH22853.1](#)

Gene Name UBA3

Gene Alias DKFZp566J164, MGC22384, UBE1C, hUBA3

Gene Description ubiquitin-like modifier activating enzyme 3

Omim ID [603172](#)

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 associates with AppBp1, an amyloid beta precursor protein binding protein, to form a heterodimer, and then the enzyme complex activates NEDD8, a ubiquitin-like protein, which regulates cell division, signaling and embryogenesis. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]

Other Designations

Nedd8-activating enzyme hUba3|UBA3, ubiquitin-activating enzyme E1 homolog|ubiquitin-activating enzyme 3|ubiquitin-activating enzyme E1C (UBA3 homolog, yeast)|ubiquitin-activating enzyme E1C (homologous to yeast UBA3)

Pathway

- [Ubiquitin mediated proteolysis](#)