

DNAxPAb

Hard-to-Find
Antibody

UBA1 DNAxPab

Catalog # H00007317-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human UBA1 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence

MSSSPLSKKRRVSGPDPKPGSNCSPAQSVLSEVPSVPTNGMAKNGSEADIDEGLYSRQLYVLG
HEAMKRLQTSSVLVSGLRGLGVEIAKNILGGVKAVTLHDQGTAQWADLSSQFYLREEDIGKNRAE
VSQPRLAELNSYVPVTAYTGPLVEDFLSGFQVVVLTNTPLEDQLRVGEFCHNRGKIKLVVADTRGL
FGQLFCDFGEEMILTDSNGEQPLSAMVSMVTKDNPGVVTCLDEARHGFESGDFVSFSEVQGMV
ELNGNQPMIEIKVLGPYFSDTSNFSYIRGGVVSQVKVPKISFKSLVASLAEPDFVVTDFAKFS
RPAQLHIGFQALHQFCAQHGRPPRPRNEEDAAELVALAQAVNARALPAVQQNNLDEDLIRKLAYY
AAGDLAPINAFIGGLAAQEVMAKCSGKFMPIMQWLYFDALECLPEDKEVLTEDKCLQRQNRDYG
QVAVFGSDLQEKLGKQKYFLVGAGAIGCELLKNFAMIGLGCGEIGEIVTDMDTIEKSNLNRQFLF
RPWDVTKLKSDTAAAVRQMNPHIRVTSHQNRVGPDTERYDDDFQNLGVDANALDNVDARMY
MDRRCVYRKPLLESGLTGKGNVQVVPFLTESYSSSQDPPEKSIPICLKNFPNAIEHTLQWARD
EFEGLFKQPAENVNQYLTPKFVERTLRLAGTQPLEVLEAVQRSLVLQRPQTWADCVTWACHH
WHTQYSNNIRQLLHNFPDQLTSSGAPFWSGPKRCPHPLTFDVNNPLHLDYVMAAANLFAQTYG
LTGSQDRAAVATFLQSVQVPEFTPKSGVKIHVSDQELQSANASVDDSRLEELKATLPSPDKLPG
FKMYPIDFEKDDDSNFHMDFVAASNLAENYDIPSADRHKSCLAGKIIIPAIATTTAAVGLVCLELY
KVYVQGHRQLDSYKNGFLNLALPFFGFSEPLAAPHQYINQEWTLWDRFEVQGLQPNGEEMTLK
QFLDYFKTEHKLEITMLSQGVSMYLSFFMPPAAKLKERLDQPMTEIVSRVSKRKLGRHVRALVLELC
CNDESGEDVEVPYVRYTIR

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 — UBA1

Entrez GeneID	7317
GeneBank Accession#	NM_003334.2
Protein Accession#	NP_003325.2
Gene Name	UBA1
Gene Alias	A1S9, A1S9T, A1ST, AMCX1, GXP1, MGC4781, SMAX2, UBA1A, UBE1, UBE1X
Gene Description	ubiquitin-like modifier activating enzyme 1
Omim ID	314370
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene catalyzes the first step in ubiquitin conjugation to mark cellular proteins for degradation. This gene complements an X-linked mouse temperature-sensitive defect in DNA synthesis, and thus may function in DNA repair. It is part of a gene cluster on chromosome Xp11.23. Alternatively spliced transcript variants that encode the same protein have been described. [provided by RefSeq]
Other Designations	A1S9T and BN75 temperature sensitivity complementing OTTHUMP00000023197 OTTHUMP0000023198 UBA1, ubiquitin-activating enzyme E1 homolog A ubiquitin-activating enzyme E1

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Arthritis](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)