DNAxPAb   Hard-to-Find Antibody

UBE2D1 DNAxPab

Catalog #   H00007321-W01P   Size   200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human UBE2D1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MALKRIQKELSDLQRDPPAHCSAGPVGDDLFHWQATIMGPPDSAYQGGVFFLTVHFPTDYPFKPPKIAFTTKIYHPNINSNGSICLDILRSQWSPALTVSKVLLSICSLLCDPNPDDPLVPDIAQIYKSDKEKYNRHAREWTQKYAM
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 — UBE2D1

Entrez GeneID	7321
GeneBank Accession#	NM_003338.3
Protein Accession#	NP_003329.1
Gene Name	UBE2D1
Gene Alias	E2(17)KB1, SFT, UBC4/5, UBCH5, UBCH5A
Gene Description	ubiquitin-conjugating enzyme E2D 1 (UBC4/5 homolog, yeast)
Omim ID	602961
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 E2 ubiquitin-conjugating enzyme family. This enzyme is closely related to a stimulator of iron transport (SFT), and is up-regulated in hereditary hemochromatosis. It also functions in the ubiquitination of the tumor-suppressor protein p53 and the hypoxia-inducible transcription factor HIF1alpha by interacting with the E1 ubiquitin-activating enzyme and the E3 ubiquitin-protein ligases. [provided by RefSeq
Other Designations	OTTHUMP00000019631|stimulator of Fe transport|ubiquitin carrier protein|ubiquitin-conjugating enzyme E2-17 kDa 1|ubiquitin-conjugating enzyme E2D 1

Pathway

- Ubiquitin mediated proteolysis

Disease

- Alzheimer disease

- Genetic Predisposition to Disease