

Rabbit UBE2D1 Polyclonal Antibody | anti-UBE2D1 antibody

UBE2D1 Polyclonal Antibody

CATALOG # AAA37275	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
------------------------------	-----------------------	--	---

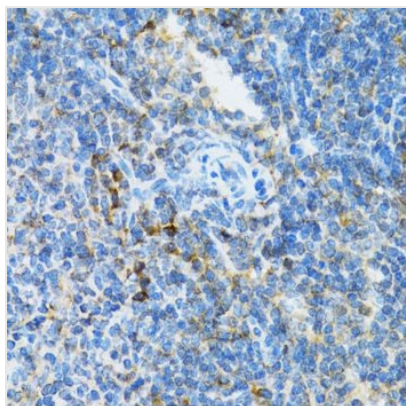
PRODUCT SYNONYMS

UBE2D1; Polyclonal Antibody; UBE2D1 Polyclonal Antibody; SFT; UBCH5; UBC4/5; UBCH5A; E2(17)KB1; anti-UBE2D1 antibody

PRODUCT SPECIFICATIONS

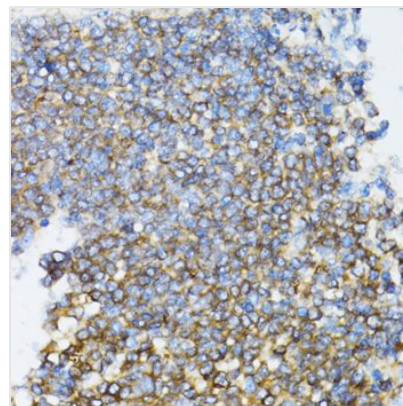
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	147
Applicable Applications for anti-UBE2D1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human UBE2D1
Calculated Molecular Weight	17kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



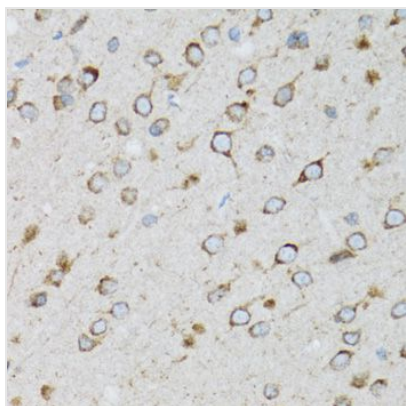
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse spleen using UBE2D1 antibody at dilution of 1:100 (40x lens).



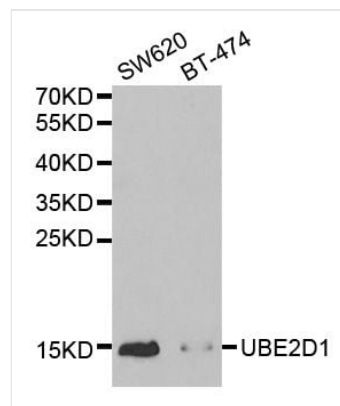
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat spleen using UBE2D1 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using UBE2D1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using UBE2D1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-UBE2D1 antibody

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. Two transcript variants encoding different isoforms have been found for this gene.

Product Categories/Family for anti-UBE2D1 antibody

Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	1717848
NCBI GeneID	7321
UniProt Accession #	P51668; A6NLF6; A8K786
Molecular Weight	147
NCBI Official Full Name	Ubiquitin-conjugating enzyme E2 D1
NCBI Official Synonym Full Names	ubiquitin-conjugating enzyme E2D 1
NCBI Official Symbol	UBE2D1
NCBI Official Synonym Symbols	SFT; UBCH5; UBC4/5; UBCH5A; E2(17)KB1
NCBI Protein Information	ubiquitin-conjugating enzyme E2 D1; UBC4/5 homolog; stimulator of Fe transport; ubiquitin-protein ligase D1; ubiquitin carrier protein D1; ubiquitin-conjugating enzyme E2(17)KB 1; ubiquitin-conjugating enzyme E2-17 kDa 1; ubiquitin-conjugating enzyme E2D 1 (UBC4/5 homolog, yeast)
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 D1
UniProt Gene Name	UBE2D1
UniProt Synonym Gene Names	SFT; UBC5A; UBCH5; UBCH5A; SFT
UniProt Entry Name	UB2D1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

