

Rabbit anti-Human SFT Monoclonal Antibody | anti-UBE2D1 antibody

SFT Rabbit mAb

CATALOG # AAA282878	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry
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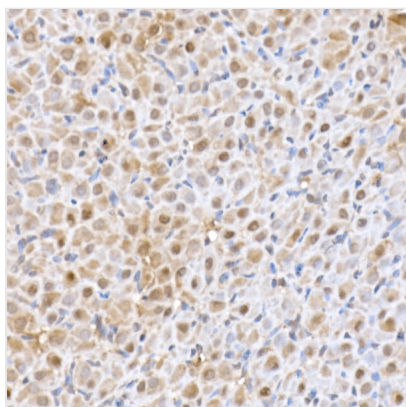
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

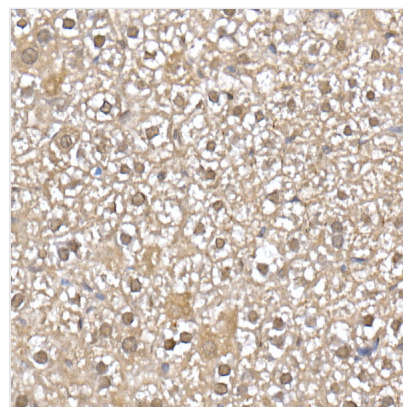
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	FFLTVHFPTD YPFKPPKIAF TTKIYHPNIN SNGSICLDIL RSQWSPALTV SKVLLSICSL LCDPNPDDPL VPDIAQIYKS DKEKYNRHAR EWTQKYAM
Applicable Applications for anti-UBE2D1 antibody	ELISA, IHC (Immunohistochemistry)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 50-147 of human SFT (NP_003329.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



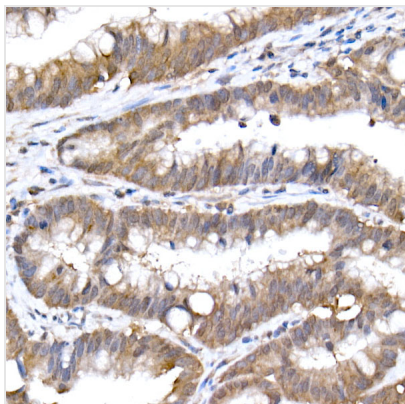
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat ovary using SFT Rabbit mAb (AAA282878) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse liver using SFT Rabbit mAb (AAA282878) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using SFT Rabbit mAb (AAA282878) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.

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	Epigenetics Nuclear Signaling ; Cell Biology Developmental Biology ; Ubiquitin ; Ubiquitin-Proteasome Signaling Pathway ; Immunology Inflammation ; NF-kB Signaling Pathway ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	1717848
NCBI GeneID	7321
UniProt Accession #	P51668 ; A6NLF6 ; A8K786
Molecular Weight	Calculated MW: 17kDa
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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/sft-antibody-immunohistochemistry-elisa/282878>