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Anti-SFT Rabbit Monoclonal Antibody

Catalog # ABO16425

Product Information

Application	WB, IHC, IP
Primary Accession	P51668
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-SFT Rabbit Monoclonal Antibody . Tested in WB, IHC, IP applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

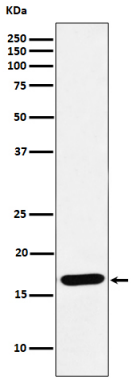
Gene ID	7321
Other Names	Ubiquitin-conjugating enzyme E2 D1, 2.3.2.23, (E3-independent) E2 ubiquitin-conjugating enzyme D1, 2.3.2.24, E2 ubiquitin-conjugating enzyme D1, Stimulator of Fe transport, SFT, UBC4/5 homolog, UbcH5, Ubiquitin carrier protein D1, Ubiquitin-conjugating enzyme E2(17)KB 1, Ubiquitin-conjugating enzyme E2-17 kDa 1, Ubiquitin-protein ligase D1, UBE2D1, SFT, UBC5A, UBCH5, UBCH5A
Calculated MW	16602
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 IP 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 29U61
Immunogen	A synthesized peptide derived from human SFT
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

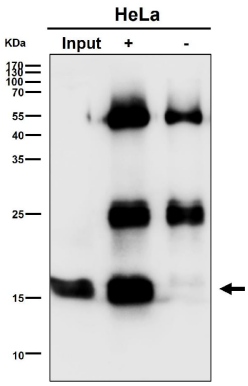
Name	UBE2D1

Synonyms	SFT, UBC5A, UBCH5, UBCH5A
Function	Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins (PubMed:22496338). In vitro catalyzes 'Lys-48'-linked polyubiquitination (PubMed:20061386). Mediates the selective degradation of short-lived and abnormal proteins. Functions in the E6/E6-AP-induced ubiquitination of p53/TP53. Mediates ubiquitination of PEX5 and auto-ubiquitination of STUB1, TRAF6 and TRIM63/MURF1 (PubMed:18042044, PubMed:18359941). Ubiquitinates STUB1-associated HSP90AB1 in vitro (PubMed:18042044). Lacks inherent specificity for any particular lysine residue of ubiquitin (PubMed:18042044). Essential for viral activation of IRF3 (PubMed:19854139). Mediates polyubiquitination of CYP3A4 (PubMed:19103148).
Cellular Location	Cytoplasm.
Tissue Location	Ubiquitous. Up-regulated in livers of iron- overloaded patients with hereditary hemochromatosis

Images



Western blot analysis of SFT expression in Raji cell lysate.



Immunoprecipitate (IP) analysis using the Antibody at 1:50 dilution. (wb at 1:500 dilution)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.