

SFT Antibody
Rabbit mAb
Catalog # AP92965

Specification

SFT Antibody - Product Information

Application	WB, IHC, IP
Primary Accession	P51668
Reactivity	Rat
Clonality	Monoclonal
Other Names	
SFT; UBC4/5; Ubch5; UBCH5A; Ube2d1;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	16602 Da

SFT Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human SFT
Description	Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-11'-linked polyubiquitination. Involved in the selective degradation of short-lived and abnormal proteins. Down-regulated during the S-phase it is involved in progression through the cell cycle.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

SFT Antibody - 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

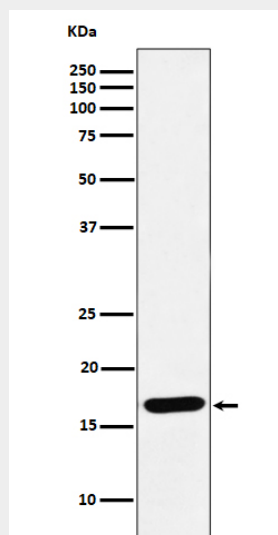
Ubiquitous. Up-regulated in livers of iron- overloaded patients with hereditary hemochromatosis

SFT Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SFT Antibody - Images



Western blot analysis of SFT expression in Raji cell lysate.