

# SFT Antibody

Rabbit mAb

Catalog # AP92965

## Product Information

<b>Application</b>	WB, IHC, IP
<b>Primary Accession</b>	<a href="#">P51668</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	SFT; UBC4/5; Ubch5; UBCH5A; Ube2d1;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	16602

## Additional Information

<b>Dilution</b>	WB 1:500~1:2000 IHC 1:50~1:200 IP 1:50
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human SFT
<b>Description</b>	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.
<b>Storage Condition and Buffer</b>	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.

## Protein Information

<b>Name</b>	UBE2D1
<b>Synonyms</b>	SFT, UBC5A, UBCH5, UBCH5A
<b>Function</b>	Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins (PubMed: <a href="#">22496338</a> ). In vitro catalyzes 'Lys-48'-linked polyubiquitination (PubMed: <a href="#">20061386</a> ). 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: <a href="#">18042044</a> , PubMed: <a href="#">18359941</a> ). Ubiquitinates STUB1-associated HSP90AB1 in vitro (PubMed: <a href="#">18042044</a> ). Lacks inherent specificity for any particular lysine residue of ubiquitin (PubMed: <a href="#">18042044</a> ). Essential for viral activation of IRF3 (PubMed: <a href="#">19854139</a> ). Mediates polyubiquitination of CYP3A4 (PubMed: <a href="#">19103148</a> ).

**Cellular Location**

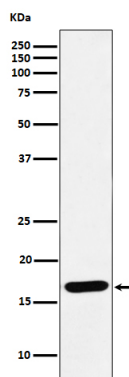
Cytoplasm.

**Tissue Location**

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

**Images**

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Western blot analysis of SFT expression in Raji cell lysate.

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