

HSPC150 Antibody

Rabbit mAb

Catalog # AP93152

Product Information

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|-------------------|------------------------|
| Application | WB |
| Primary Accession | Q9NPD8 |
| Reactivity | Human |
| Clonality | Monoclonal |
| Other Names | HSPC150; PIG50; Ube2t; |
| Isotype | Rabbit IgG |
| Host | Rabbit |
| Calculated MW | 22521 |

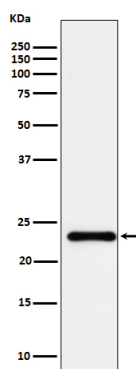
Additional Information

| | |
|------------------------------|--|
| Dilution | WB 1:500~1:2000 |
| Purification | Affinity-chromatography |
| Immunogen | A synthesized peptide derived from human HSPC150 |
| Description | Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro able to catalyze polyubiquitination using all 7 ubiquitin Lys residues, but may prefer 'Lys-11'-, 'Lys-27'-, 'Lys-48'- and 'Lys-63'-linked polyubiquitination. |
| 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. |

Protein Information

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|-------------------|---|
| Name | UBE2T |
| Function | Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. Catalyzes monoubiquitination. Involved in mitomycin-C (MMC)-induced DNA repair. Acts as a specific E2 ubiquitin-conjugating enzyme for the Fanconi anemia complex by associating with E3 ubiquitin-protein ligase FANCL and catalyzing monoubiquitination of FANCD2, a key step in the DNA damage pathway (PubMed: 16916645 , PubMed: 17938197 , PubMed: 19111657 , PubMed: 19589784 , PubMed: 28437106). Also mediates monoubiquitination of FANCL and FANCI (PubMed: 16916645 , PubMed: 17938197 , PubMed: 19111657 , PubMed: 19589784). May contribute to ubiquitination and degradation of BRCA1 (PubMed: 19887602). In vitro able to promote polyubiquitination using all 7 ubiquitin Lys residues, but may prefer 'Lys-11'-, 'Lys-27'-, 'Lys-48'- and 'Lys-63'-linked polyubiquitination (PubMed: 20061386). |
| Cellular Location | Nucleus. Note=Accumulates to chromatin |

Images



Western blot analysis of HSPC150 expression in HeLa cell lysate.

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