

Anti-HSPC150 Rabbit Monoclonal Antibody
Catalog # ABO16677**Specification**

Anti-HSPC150 Rabbit Monoclonal Antibody - Product Information

Application	WB
Primary Accession	Q9NPD8
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-HSPC150 Rabbit Monoclonal Antibody . Tested in WB applications. This antibody reacts with Human.

Anti-HSPC150 Rabbit Monoclonal Antibody - Additional Information

Gene ID 29089

Other Names

Ubiquitin-conjugating enzyme E2 T, 2.3.2.23, Cell proliferation-inducing gene 50 protein, E2 ubiquitin-conjugating enzyme T, Ubiquitin carrier protein T, Ubiquitin-protein ligase T, UBE2T

Application Details

WB 1:500-1:2000

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.

Immunogen

A synthesized peptide derived from human HSPC150

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.

Anti-HSPC150 Rabbit Monoclonal Antibody - Protein Information

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](http://www.uniprot.org/citations/16916645) target="_blank">16916645, PubMed: [17938197](http://www.uniprot.org/citations/17938197) target="_blank">17938197, PubMed: [19111657](http://www.uniprot.org/citations/19111657) target="_blank">19111657, PubMed: [19589784](http://www.uniprot.org/citations/19589784) target="_blank">19589784, PubMed: [28437106](http://www.uniprot.org/citations/28437106) target="_blank">28437106). Also mediates monoubiquitination of FANCL and FANCI (PubMed: [16916645](http://www.uniprot.org/citations/16916645) target="_blank">16916645, PubMed: [17938197](http://www.uniprot.org/citations/17938197) target="_blank">17938197, PubMed: [19111657](http://www.uniprot.org/citations/19111657) target="_blank">19111657, PubMed: [19589784](http://www.uniprot.org/citations/19589784) target="_blank">19589784). May contribute to ubiquitination and degradation of BRCA1 (PubMed: [19887602](http://www.uniprot.org/citations/19887602) target="_blank">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](http://www.uniprot.org/citations/20061386) target="_blank">20061386).

Cellular Location

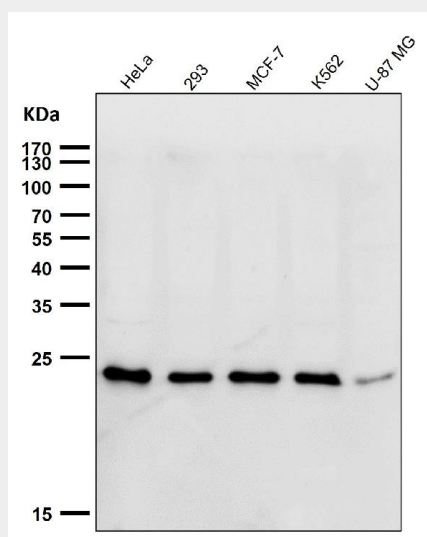
Nucleus. Note=Accumulates to chromatin

Anti-HSPC150 Rabbit Monoclonal Antibody - Protocols

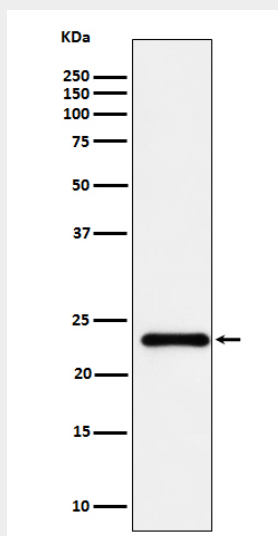
Provided below are standard protocols that you may find useful for product applications.

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

Anti-HSPC150 Rabbit Monoclonal Antibody - Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Western blot analysis of HSPC150 expression in HeLa cell lysate.