

ARG63296 anti-HSPC150 / UBE2T antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes HSPC150 / UBE2T
Tested Reactivity	Hu
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	HSPC150 / UBE2T
Species	Human
Immunogen	C-QLVGIEKKFHPDV
Conjugation	Un-conjugated
Alternate Names	EC 6.3.2.19; FANCT; PIG50; Cell proliferation-inducing gene 50 protein; Ubiquitin carrier protein T; HSPC150; Ubiquitin-conjugating enzyme E2 T; Ubiquitin-protein ligase T

Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.3 µg/ml

Application Note WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 29089 Human](#)

[Swiss-port # Q9NPD8 Human](#)

Background

The covalent conjugation of ubiquitin to proteins regulates diverse cellular pathways and proteins. Ubiquitin is transferred to a target protein through a concerted action of a ubiquitin-activating enzyme (E1), a ubiquitin-conjugating enzyme (E2), such as UBE2T, and a ubiquitin ligase (E3) (Machida et al., 2006 [PubMed 16916645]).[supplied by OMIM, Mar 2008]

Research Area

Cell Biology and Cellular Response antibody; Gene Regulation antibody

Calculated Mw

23 kDa

PTM

Auto-ubiquitinated. Effects of auto-monoubiquitination at Lys-91 and Lys-182 are unclear: according to a report, monoubiquitination inactivates E2 enzyme activity (PubMed:16916645). In contrast, according to another report, autoubiquitination does not affect E2 enzyme activity (PubMed:19111657).

Images



ARG63296 anti-HSPC150 / UBE2T antibody WB image

Western Blot: K562 lysate (35 µg protein in RIPA buffer) stained with ARG63296 anti-HSPC150 / UBE2T antibody at 0.1 µg/ml dilution.