

Anti-HLA-H Antibody

Catalog # AP60317

Product Information

Application	WB, IF/IC
Primary Accession	P01893
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40892

Additional Information

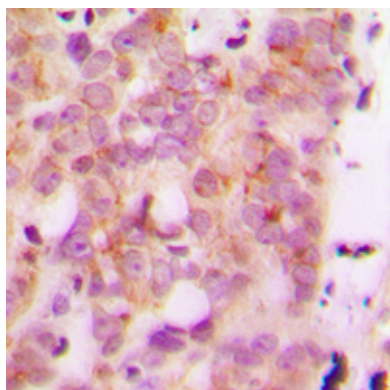
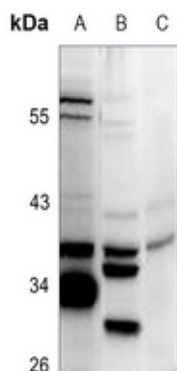
Other Names	HLAH; Putative HLA class I histocompatibility antigen, alpha chain H; HLA-12.4; HLA-AR; MHC class I antigen H
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human HLA-H. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

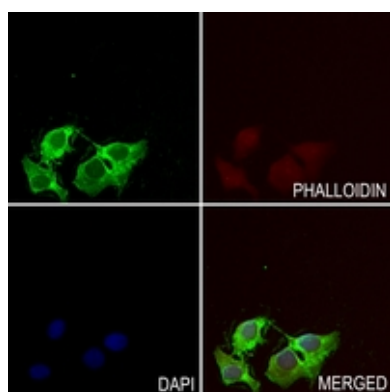
Name	HLA-H
Synonyms	HLAH
Function	Involved in the presentation of foreign antigens to the immune system.
Cellular Location	Cell membrane; Single-pass membrane protein

Images

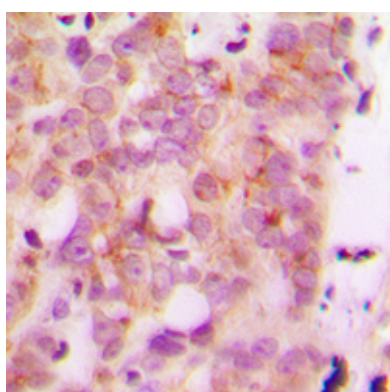
Western blot analysis of HLA-H expression in Hela (A), rat heart (B), mouse heart (C) whole cell lysates. (Predicted band size: 40 kD; Observed band size: 41 kD)



Immunohistochemical analysis of HLA-H staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of HLA-H staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



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