

Rabbit HLA-A Polyclonal Antibody | anti-HLA-A antibody

HLA-A Antibody

CATALOG # AAA326647	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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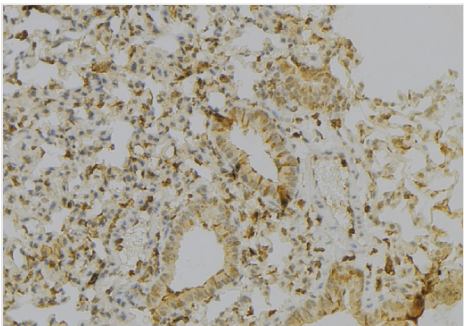
PRODUCT SYNONYMS

HLA-A; Polyclonal Antibody; HLA-A Antibody; Histocompatibility antigen; HLA A; HLA class I histocompatibility antigen A 3 alpha chain; HLA class I histocompatibility antigen A3 alpha chain; HLAA; MHC class I antigen A*3; MHC class I antigen A3; anti-HLA-A antibody

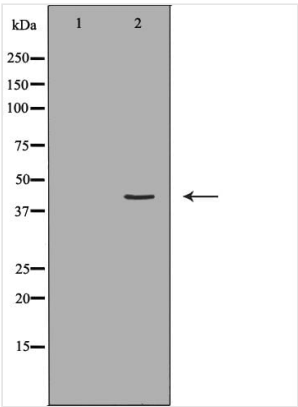
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	HLA-A antibody detects endogenous levels of total HLA-A
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	365
Applicable Applications for anti-HLA-A antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HLA-A
Subcellular Location	Membrane; Single-Pass Type I Membrane Protein.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA326647 at 1/100 staining Human gastric tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of Hela cell lysate, using HLA-A Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-HLA-A antibody	Description: Human major histocompatibility complex (MHC) antigens, also referred to as human leukocyte antigens (HLA), are encoded by genes located on the short arm of chromosome 6 (6p21.3). There are two classes of HLA antigens: class I (HLA-A, B and C) and class II (HLA-D). This class I molecules are polymorphic membrane glycoproteins composed of a heavy (alpha) chain (44 kDa) which is encoded by a HLA class I gene (HLA-A, B or C), and beta2-microglobulin light (beta) chain (12 kDa). They are involved in the presentation of foreign antigens to the immune system. (PMID: 667938; 3375250) Function: Involved in the presentation of foreign antigens to the immune system. Subunit Structure: Dimer of alpha chain and a beta chain (beta-2-microglobulin). Interacts with human herpesvirus 8 MIR1 protein (By similarity). Post-translational Modifications: Polyubiquitinated in a post ER compartment by interaction with human herpesvirus 8 MIR1 protein. This targets the protein for rapid degradation via the ubiquitin system (By similarity). Similarity: Belongs to the MHC class I family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24797067
NCBI GeneID	3105
NCBI Accession #	NP_002107.3
NCBI GenBank Nucleotide #	NM_002116.7
UniProt Accession #	P04439; O19546; O19756; Q65A82; Q9GJE6; Q9GJE7; Q9GJE8; Q9MYE6; Q9MYG4; Q9TPR8; P01891; P01892; P05534; P10314; P10316; P13746; P16188; P16189; P16190
Molecular Weight	Observed: 41 kDa Predicted: 41 kDa
NCBI Official Full Name	HLA class I histocompatibility antigen, A-1 alpha chain A*03:01:0:01
NCBI Official Synonym Full Names	major histocompatibility complex, class I, A
NCBI Official Symbol	HLA-A
NCBI Official Synonym Symbols	HLAA
NCBI Protein Information	HLA class I histocompatibility antigen, A-1 alpha chain; LOW QUALITY PROTEIN: HLA class I histocompatibility antigen, A-1 alpha chain
UniProt Protein Name	HLA class I histocompatibility antigen, A-3 alpha chain
UniProt Gene Name	HLA-A

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hla-a-antibody-immunohistochemistry-western-blot-elisa/326647>