

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

HLA-A Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA178717	Rabbit	Human	Immunohistochemistry, Western Blot

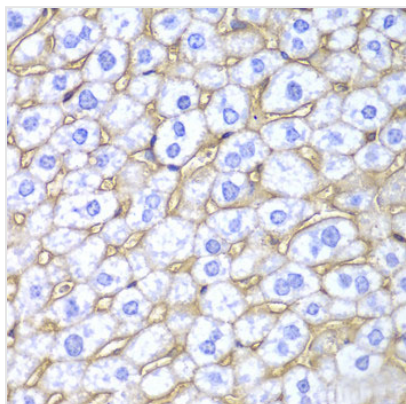
PRODUCT SYNONYMS

HLA-A; Polyclonal Antibody; HLA-A Polyclonal Antibody; HLAA; anti-HLA-A antibody

PRODUCT SPECIFICATIONS

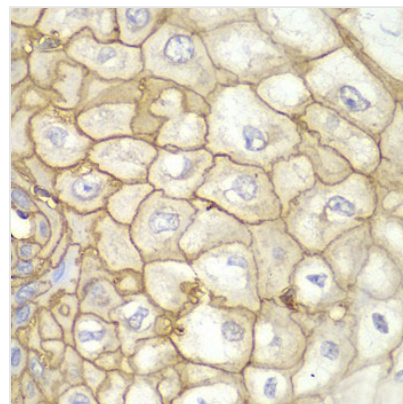
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-HLA-A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human HLA-A
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



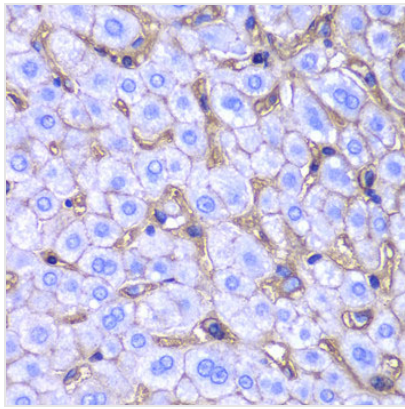
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse liver using HLA-A Polyclonal antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



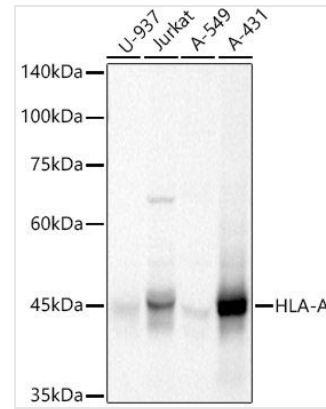
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophagus using HLA-A Polyclonal antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver damage using HLA-A Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of various lysates using HLA-A Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-HLA-A antibody

HLA-A belongs to the HLA class I heavy chain paralogues. This class I molecule is heterodimer consisting of a heavy chain and a light chain (beta-2 microglobulin). The heavy chain is anchored in the membrane. Class I molecules play a central role in the immune system by presenting peptides derived from the endoplasmic reticulum lumen. They are expressed in nearly all cells. The heavy chain is approximately 45 kDa and its gene contains 8 exons. Exon 1 encodes the leader peptide, exons 2 and 3 encode the alpha1 and alpha2 domains, which both bind the peptide, exon 4 encodes the alpha3 domain, exon 5 encodes the transmembrane region, and exons 6 and 7 encode the cytoplasmic tail. Polymorphisms within exon 2 and exon 3 are responsible for the peptide binding specificity of each class one molecule. Typing for these polymorphisms is routinely done for bone marrow and kidney transplantation. Hundreds of HLA-A alleles have been described.

Product Categories/Family for anti-HLA-A antibody

[Antibodies](#); [Primary Antibodies](#); [Polyclonal Antibody](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	24797067
NCBI GeneID	3105
NCBI Accession #	NP_002107.3
NCBI GenBank Nucleotide #	NM_002116.7
UniProt Accession #	P04439 ; P30443 ; P01892 ; P13746 ; P18462 ; P30447 ; P30453 ; P30455 ; P30456 ; P30457 ; Q09160
Molecular Weight	40,841 Da
NCBI Official Full Name	HLA class I histocompatibility antigen, A-1 alpha chain
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
UniProt Protein Name	HLA class I histocompatibility antigen, A-3 alpha chain
UniProt Gene Name	HLA-A
UniProt Synonym Gene Names	HLAA
UniProt Entry Name	1A03_HUMAN

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/178717>