

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

Anti-HLA A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46259	Rabbit	Human	Immunohistochemistry, Western Blot

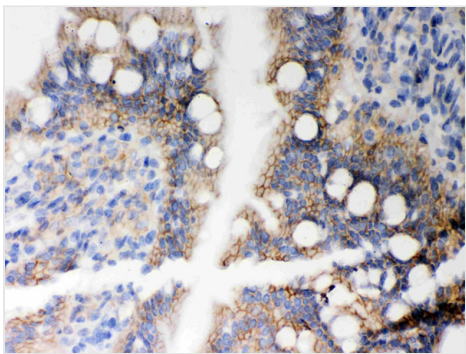
PRODUCT SYNONYMS

HLA A; Polyclonal Antibody; Anti-HLA A Antibody; HLA class I histocompatibility antigen; A 28; A 9; Antigen presenting molecule; Aw 24; Aw 68; CLASS I HISTOCOMPATIBILITY ANTIGEN; H2 K1; H2K; HLA class I histocompatibility antigen A 1 alpha chain; HLA class I histocompatibility antigen A 11 alpha chain; HLA class I histocompatibility antigen A 2 alpha chain; HLA class I histocompatibility antigen A 24 alpha chain; HLA class I histocompatibility antigen A 3 alpha chain; HLA class I histocompatibility antigen A 30 alpha chain; HLA class I histocompatibility antigen A 32 alpha chain; HLA class I histocompatibility antigen A 68 alpha chain; A 1 alpha chain; HLAA; Leukocyte antigen class I A; Major histocompatibility complex class I A; Major histocompatibility complex; class I; A; MHC class I antigen A 1; MHC class I antigen A*11; MHC class I antigen A*2; MHC class I antigen A*24; MHC class I antigen A*3; MHC class I antigen A*30; MHC class I antigen A*32; MHC class I antigen A*68; MHC class I antigen HLA A heavy chain; MHC class I heavy chain H2 K; major histocompatibility complex; anti-HLA A antibody

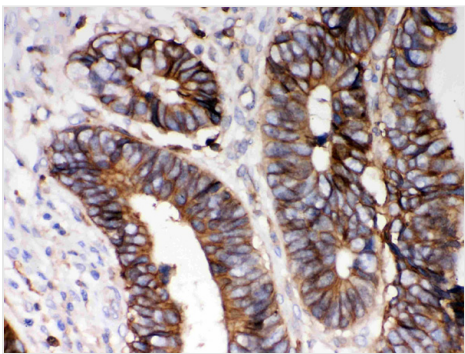
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	365
Applicable Applications for anti-HLA A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human HLA A (82-106aa EYWDGETRKYKVAHSQTHRVLDGLR).
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Relevant Detection Systems	The lab provides a series of assays reacted with primary primary antibodies. Antibody can be supported by chemiluminescent kit (please inquire) in WB , supported by IHC-p and ICC (please inquire).
Preparation and Storage	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquoted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

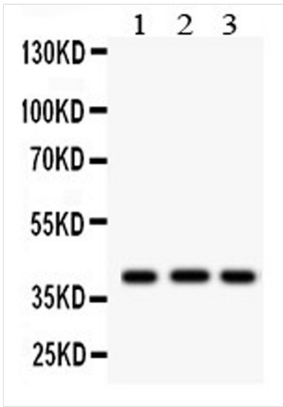
IMAGES



IHC (Immunohistochemistry)
Anti- HLA-A Picoband antibody, AAA46259,IHC(P)IHC(P): Rat Intestine Tissue



IHC (Immunohistochemistry)
Anti- HLA-A Picoband antibody, AAA46259,IHC(P)IHC(P): Human Intestinal Cancer Tissue



WB (Western Blot)
Anti- HLA-A Picoband antibody, AAA46259, Western blottingAll lanes: Anti HLA-A (AAA46259) at 0.5ug/mlLane 1: U87 Whole Cell Lysate at 40ugLane 2: HEPG2 Whole Cell Lysate at 40ugLane 3: Mouse Brain Tissue Lysate at 50ugPredicted bind size: 41KDObserved bind size: 41KD

ADDITIONAL INFORMATION

Related Product Information for anti-HLA A antibody	Description: Rabbit IgG polyclonal antibody for HLA class I histocompatibility antigen, A-2 alpha chain(HLA-A) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: HLA-A, namely HLA A, is a group of human leukocyte antigens (HLA) that are coded for by the HLA-A locus, which is located at human chromosome 6p21.3. HLA is simply the major histocompatibility complex (MHC) specific to humans. HLA-A is one of three major types of human MHC class I cell surface receptors. The others are HLA-B and HLA-C. And it is critical to the cytotoxic t-cell controlled immune response to viruses and other intracellular pathogens. Because each HLA-A gene has a high affinity for slightly different peptides, certain HLA-As are associated with increased risk, more rapid progression, and/or increased severity of many diseases. For similar reasons, HLA-A matching is essential to successful tissue transplants.
References	1. "HLA Nomenclature hla.alleles.org". Anthony Nolan Research Institute. 10 Nov 2013. Retrieved 8 Dec 2013. 2. "Statistics". European Bioinformatics Institute (EBI) / European Molecular Biology Laboratory (EMBL). Retrieved 13 Dec 2013.

NCBI AND UNIPROT INFORMATION

NCBI GI #	122138
NCBI GeneID	3105
UniProt Accession #	P01892; O19619; P06338; P10313; P30444; P30445; P30446; P30514; Q29680; Q29837; Q29899; Q95352; P13746; P18462; P30443; P30447; P30453; P30455; P30456; P30457; P30459
NCBI Official Full Name	HLA class I histocompatibility antigen, A-2 alpha chain

NCBI Official Synonym Full Names	major histocompatibility complex, class I, A
NCBI Official Symbol	HLA-A
NCBI Official Synonym Symbols	HLAA; Aw-33; Aw-74
NCBI Protein Information	HLA class I histocompatibility antigen, A-1 alpha chain
UniProt Protein Name	HLA class I histocompatibility antigen, A-2 alpha chain
UniProt Gene Name	HLA-A
UniProt Synonym Gene Names	HLAA
UniProt Entry Name	1A02_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/46259>