

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

HLA-F antibody - N-terminal region

CATALOG # AAA199992	HOST Rabbit	REACTIVITY Cow, Human, Pig	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

HLA-F; Polyclonal Antibody; HLA-F antibody - N-terminal region; anti-HLA-F antibody

PRODUCT SPECIFICATIONS

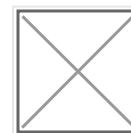
Host	Rabbit
Reactivity	Cow, Human, Pig
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EA GSHTLQGMNG CDMGPDGRLL RGYHQHAYDG KDYISLNEDL RSWTAADT
Sequence Length	442
Applicable Applications for anti-HLA-F antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Human: 100%; Pig: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human HLA-F
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-HLA-F Antibody Titration: 0.2-1 ug/ml
Positive Control: 721_B cell lysate
HLA-F is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells



IHC (Immunohistochemistry)

Rabbit Anti-HLA-F Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Lung Tissue
Observed Staining: Membrane and cytoplasmic in alveolar type I cells
Primary Antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-HLA-F antibody	This is a rabbit polyclonal antibody against HLA-F. It was validated on Western Blot using a cell lysate as a positive control. Target Description: HLA-F belongs to the HLA class I heavy chain paralogues. It is a non-classical heavy chain that forms a heterodimer with a beta-2 microglobulin light chain, with the heavy chain anchored in the membrane. Unlike most other HLA heavy chains, this molecule is localized in the endoplasmic reticulum and Golgi apparatus, with a small amount present at the cell surface in some cell types. It contains a divergent peptide-binding groove, and is thought to bind a restricted subset of peptides for immune presentation. This gene belongs to the HLA class I heavy chain paralogues. It encodes a non-classical heavy chain that forms a heterodimer with a beta-2 microglobulin light chain, with the heavy chain anchored in the membrane. Unlike most other HLA heavy chains, this molecule is localized in the endoplasmic reticulum and Golgi apparatus, with a small amount present at the cell surface in some cell types. It contains a divergent peptide-binding groove, and is thought to bind a restricted subset of peptides for immune presentation. This gene exhibits few polymorphisms. Multiple transcript variants encoding different isoforms have been found for this gene. These variants lack a coding exon found in transcripts from other HLA paralogues due to an altered splice acceptor site, resulting in a shorter cytoplasmic domain.
Product Categories/Family for anti-HLA-F antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	149158702
NCBI GeneID	3134
NCBI Accession #	NP_001091949
NCBI GenBank Nucleotide #	NM_001098479
UniProt Accession #	P30511
Molecular Weight	48kDa
NCBI Official Full Name	HLA class I histocompatibility antigen, alpha chain F isoform 1
NCBI Official Synonym Full Names	major histocompatibility complex, class I, F
NCBI Official Symbol	HLA-F
NCBI Official Synonym Symbols	HLAF; CDA12; HLA-5.4; HLA-CDA12
NCBI Protein Information	HLA class I histocompatibility antigen, alpha chain F
UniProt Protein Name	HLA class I histocompatibility antigen, alpha chain F
UniProt Gene Name	HLA-F
UniProt Synonym Gene Names	HLA-5.4; HLAF
UniProt Entry Name	HLAF_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-f-antibody-western-blot-immunohistochemistry-elisa/199992>