HLA-F Polyclonal Antibody

Catalog No.	A10384	**Category**	Polyclonal Antibodies
Applications	WB	**Observed MW**	50kDa
Cross-reactivity	Human, Rat	**Calculated MW**	28kDa/39kDa/50kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 22-190 of human HLA-F (NP_001091949.1).
Gene ID	3134
Swiss prot	P30511
Synonyms	HLA-F; CDA12; HLA-5.4; HLA-CDA12; HLAF; major histocompatibility complex, class I, F

Product information

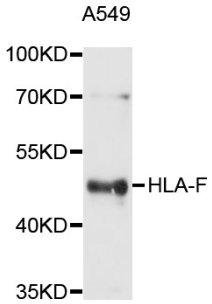
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background

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.

Recommended Dilutions

WB 1:500 - 1:2000



Western blot - HLA-F Polyclonal Antibody (A10384)

Phone: *888.754.5670*
Email: *info@abclonal.com*