Datasheet for ABIN5514394

anti-HLA-DOA antibody (N-Term)

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Overview

Quantity:	100 µL
Target:	HLA-DOA
Binding Specificity:	N-Term
Reactivity:	Human, Cow, Horse, Pig, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HLA-DOA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human DOA
Sequence:	LMTLLSPQEA GATKADHMGS YGPAFYQSYG ASGQFTHEFD EEQLFSVDLK
Predicted Reactivity:	Cow: 83%, Horse: 85%, Human: 100%, Pig: 86%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against DOA. It was validated on Western Blot.
Purification:	Affinity purified

Target Details

Target:	HLA-DOA
Alternative Name:	DOA (HLA-DOA Products)
Background:	HLA-DOA belongs to the HLA class II alpha chain paralogues. HLA-DOA forms a heterodimer

Target Details

	with HLA-DOB. The heterodimer, HLA-DO, is found in lysosomes in B cells and regulates HLA-DM-mediated peptide loading on MHC class II molecules. In comparison with classical HLA class II molecules, this gene exhibits very little sequence variation, especially at the protein level. Alias Symbols: HLA-DOA, HLA-DNA, HLA-DZA, Protein Interaction Partner: REL, UBC, HLA-DMA, Protein Size: 250
Gene ID:	3111
NCBI Accession:	NP_002110
UniProt:	P06340
Pathways:	Human Leukocyte Antigen (HLA) in Adaptive Immune Response

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.