

Datasheet for ABIN3015649
anti-LY96 antibody (AA 19-160)



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2 Images

Overview

Quantity:	100 µL
Target:	LY96
Binding Specificity:	AA 19-160
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LY96 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 19-160 of human LY96 (NP_056179.3).
Sequence:	QKQYWVCNSS DASISYTYCD KMQYPISINV NPCIELKGSK GLLHIFYIPR RDLKQLYFNL YITVNTMNLP KRKEVICRGS DDDYSFCRAL KGETVNTTIS FSFKGIKFSK GKYKCVVEAI SGSPEEMLFC LEFVILHQPN SN
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	LY96
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Target Details

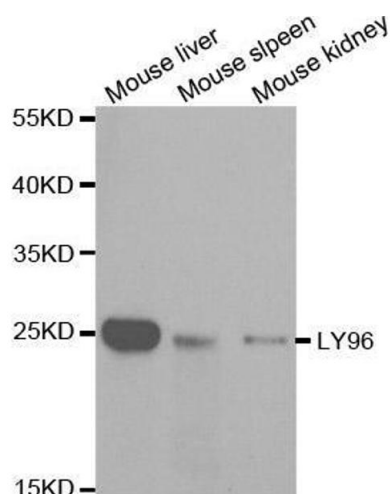
Alternative Name:	LY96 (LY96 Products)
Background:	This gene encodes a protein which associates with toll-like receptor 4 on the cell surface and confers responsiveness to lipopolysaccharide (LPS), thus providing a link between the receptor and LPS signaling. Studies of the mouse ortholog suggest that this gene may be involved in endotoxin neutralization. Alternative splicing results in multiple transcript variants encoding different isoforms.,LY96,ESOP-1,MD-2,MD2,Iy-96,Immunology & Inflammation,Toll-like Receptor Signaling Pathway,Cell Intrinsic Innate Immunity Signaling Pathway,TLR Signaling,LY96
Molecular Weight:	14 kDa/18 kDa
Gene ID:	23643
UniProt:	Q9Y6Y9
Pathways:	TLR Signaling , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Toll-Like Receptors Cascades

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

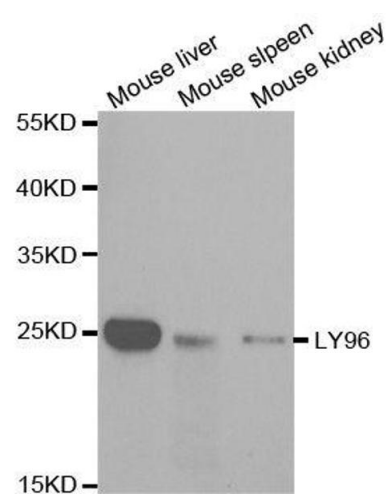
Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using LY96 antibody.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using LY96 antibody.