

Datasheet for ABIN571134

anti-PIAS2 antibody (AA 185-196)



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1 Image

Overview

Quantity:	100 µg
Target:	PIAS2
Binding Specificity:	AA 185-196
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PIAS2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	PIAS2 (aa185-196)
Immunogen:	Peptide with sequence PQQVREICISRD, from the internal region of the protein sequence according to NP_775298.1, NP_004662.2.
Sequence:	PQQVREICIS RD
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_775298.1, NP_004662.2).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	PIAS2
Alternative Name:	PIAS2 (PIAS2 Products)
Background:	PIAS2, protein inhibitor of activated STAT, 2, MGC102682, MIZ1, PIASX, PIASX-ALPHA, PIASX-BETA, SIZ2, ZMIZ4, miz, Msx-interacting-zinc finger, protein inhibitor of activated STAT X, zinc finger, MIZ-type containing 4
Gene ID:	9063, 17344, 83422
NCBI Accession:	NP_775298 , NP_004662
Pathways:	JAK-STAT Signaling , Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling

Application Details

Application Notes:	Western Blot: Approx 60 kDa band observed in Human Spleen and Peripheral Mononucleocytes lysates (calculated MW of 63.4 kDa according to NP_775298.1). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN571134 (1µg/ml) staining of Human Peripheral Lymphocytes lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.