Datasheet for ABIN1782145

anti-OAS2 antibody (Internal Region)

1 Image

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Overview

Quantity:	100 µg
Target:	OAS2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This OAS2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	OAS2
Sequence:	RKTVLRGNSD GT
Isotype:	IgG
Specificity:	This antibody is expected to recognize all reported isoforms (NP_058197.2, NP_002526.2, NP_001027903.1).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	OAS2
Alternative Name:	OAS2 (OAS2 Products)
Background:	OAS2, 2'-5'-oligoadenylate synthetase 2, 69/71 kDa, (2'-5')oligo(A) synthetase 2, 2'-5'-oligoadenylate synthase 2, 2-5A synthase 2, p69 OAS / p71 OAS
Molecular Weight:	Expected molecular weight 85 +19 kDa
Gene ID:	4939
NCBI Accession:	NP_058197, NP_002526, NP_001027903
Pathways:	Hepatitis C

Application Details

Application Notes:	Western Blot: Approx 85 +19 kDa bands observed in lysates of cell line Jurkat (calculated MW of 82.4 kDa according to NP_058197.2 and of 19.5 kDa according to NP_001027903.1). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
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. ABIN1782145 (1µg/ml) staining of Jurkat lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.