

Datasheet for ABIN1782147
anti-OAS2 antibody (AA 357-371)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	OAS2
Binding Specificity:	AA 357-371
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This OAS2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	OAS2 (aa357-371)
Sequence:	QPNKCFLEQI DSAVN
Isotype:	IgG
Specificity:	This antibody is expected to recognize reported isoform 1 (NP_058197.2) and isoform 2 (NP_002526.2).
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

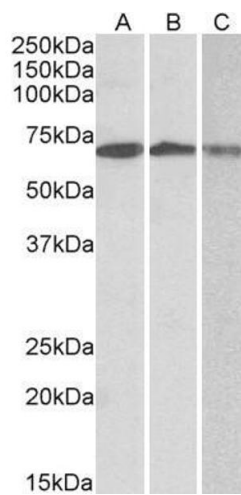
Target:	OAS2
Alternative Name:	OAS2 (OAS2 Products)
Background:	OAS2, 2'-5'-oligoadenylate synthetase 2, 69/71 kDa, (2'-5')oligo(A) synthetase 2, 2'-5'-oligoadenylate synthase 2, 2-5A synthase 2, p69 OAS / p71 OAS
Molecular Weight:	Expected molecular weight 70 kDa
Gene ID:	4939
NCBI Accession:	NP_058197 , NP_002526
Pathways:	Hepatitis C

Application Details

Application Notes:	<p>Immunohistochemistry: Paraffin embedded Human Breast. Recommended concentration: 5 µg/mL.</p> <p>Western Blot: Approx 70 kDa band observed in lysates of cell lines Daudi, Jurkat and K562 (calculated MW of 78.8 kDa according to NP_002526.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Lin et al</p> <p>Peptide ELISA: antibody detection limit dilution 1:128000.</p>
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. ABIN1782147 (0.3µg/ml) staining of Daudi (A), Jurkat (B) and K562 (C) lysates (35µg protein in RIPA buffer). Detected by chemiluminescence.