

Datasheet for ABIN2779107

anti-OAS2 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	OAS2
Binding Specificity:	Middle Region
Reactivity:	Human, Pig, Rabbit, Dog, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OAS2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human OAS2
Sequence:	AKGTALKTGS DADLVVFHNS LKSYTSQKNE RHKIVKEIHE QLKAFWREKE
Predicted Reactivity:	Cow: 92%, Dog: 92%, Human: 100%, Pig: 100%, Rabbit: 85%
Characteristics:	This is a rabbit polyclonal antibody against OAS2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	OAS2
Alternative Name:	OAS2 (OAS2 Products)

Target Details

Background:	<p>OAS2 is a member of the 2-5A synthetase family, essential proteins involved in the innate immune response to viral infection. It is induced by interferons and uses adenosine triphosphate in 2'-specific nucleotidyl transfer reactions to synthesize 2',5'-oligoadenylates (2-5As). These molecules activate latent RNase L, which results in viral RNA degradation and the inhibition of viral replication. This gene encodes a member of the 2-5A synthetase family, essential proteins involved in the innate immune response to viral infection. The encoded protein is induced by interferons and uses adenosine triphosphate in 2'-specific nucleotidyl transfer reactions to synthesize 2',5'-oligoadenylates (2-5As). These molecules activate latent RNase L, which results in viral RNA degradation and the inhibition of viral replication. The three known members of this gene family are located in a cluster on chromosome 12. Alternatively spliced transcript variants encoding different isoforms have been described.</p> <p>Alias Symbols: MGC78578</p> <p>Protein Interaction Partner: UBC, CLK3, APP,</p> <p>Protein Size: 719</p>
Molecular Weight:	82 kDa
Gene ID:	4939
NCBI Accession:	NM_016817 , NP_058197
UniProt:	P29728
Pathways:	Hepatitis C

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 719 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
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.

Images



Western Blotting

Image 1. WB Suggested Anti-OAS2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human Lung