

Datasheet for ABIN2786805
anti-MOS antibody (Middle Region)

2 Images

[Go to Product page](#)

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human MOS
Sequence:	LNVARLRHDN IVRVVAASTR TPAGSNSLGT IIMEFGGNVT LHQVIYGAAG
Predicted Reactivity:	Cow: 92%, Dog: 100%, Guinea Pig: 86%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against MOS. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MOS
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Target Details

Alternative Name:	MOS (MOS Products)
Background:	<p>MOS is a serine/threonine kinase that activates the MAP kinase cascade through direct phosphorylation of the MAP kinase activator MEK (MAP2K1, MIM 176872) (Prasad et al., 2008 [PubMed 18246541]).</p> <p>Alias Symbols: MGC119962, MGC119963, MSV</p> <p>Protein Interaction Partner: CALCOCO2, SEC24C, HOMER3, TRAF1, TRIM27, KRT15, KRT13, KIFC3, GOLGA2, GFAP, ACTN2, LZTS2, USHBP1, CCDC33, CCDC102B, MTMR9, CCDC136, C17orf59, CCNDBP1, MID2, ATRIP, SPERT, DYDC1, KRT40, SSX2IP, HECW2, HSP90AA1, BMPR2, MYOD1, HSPA1A,</p> <p>Protein Size: 346</p>
Molecular Weight:	38 kDa
Gene ID:	4342
NCBI Accession:	NM_005372 , NP_005363
UniProt:	P00540

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 346 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
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

Handling

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-MOS Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:12500
Positive Control: NCI-H226 cell lysate

Western Blotting

Image 2. WB Suggested Anti-MOS
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500
Positive Control: NCI-H226 cell lysate
MOS is supported by BioGPS gene expression data to be expressed in NCIH226