

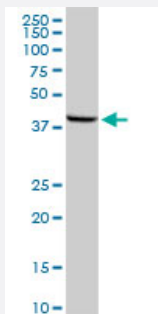
MaxPab®

MOS MaxPab rabbit polyclonal antibody (D01)

Catalog # H00004342-D01

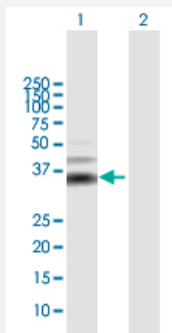
Size 100 uL

Applications



Western Blot (Tissue lysate)

MOS MaxPab rabbit polyclonal antibody. Western Blot analysis of MOS expression in human pancreas.

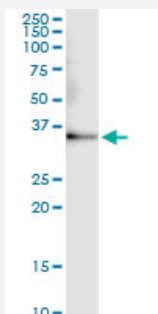


Western Blot (Transfected lysate)

Western Blot analysis of MOS expression in transfected 293T cell line ([H00004342-T02](#)) by MOS MaxPab polyclonal antibody.

Lane 1: MOS transfected lysate(37.8 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of MOS transfected lysate using anti-MOS MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with MOS MaxPab mouse polyclonal antibody (B01) ([H00004342-B01](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human MOS protein.

Immunogen	MOS (NP_005363.1, 1 a.a. ~ 346 a.a) full-length human protein.
Sequence	MPSPLALRPYLRSEFSPSV DARPCSSPSELP AKLLL GATLPRAPRLPRRLAWCSIDWEQVCLLQ RLGAGGFGSVYKATYRGVPVAIKQVNKCTKNRLASRRSFWAELNVARLRHDNVRVVAASRTPA GSNSLGTIIMEFGGNVTLHQVIYGAAGHPEGDAGEPHCRTGGQLSLGKCLKYSLDVVNGLLFLHS QSIVHLDLKPANILISEQDVCKISDFGCSEKLEDLLCFQTPSYPLGGTYTHRAPELLKGEGVTPKADI YSFAITLWQMTTKQAPYSGERQHILYAVVAYDLRPSLSAAVFEDSLPGQRLGDVIQRCWRPSAAQ RPSARLLLVDLTSLKAELG
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (73); Rat (72)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

MOS MaxPab rabbit polyclonal antibody. Western Blot analysis of MOS expression in human pancreas.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of MOS expression in transfected 293T cell line ([H00004342-T02](#)) by MOS MaxPab polyclonal antibody.

Lane 1: MOS transfected lysate(37.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of MOS transfected lysate using anti-MOS MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with MOS MaxPab mouse polyclonal antibody (B01) ([H00004342-B01](#)).

[Protocol Download](#)

Gene Info — MOS

Entrez GeneID	4342
GeneBank Accession#	NM_005372.1
Protein Accession#	NP_005363.1
Gene Name	MOS
Gene Alias	MGC119962, MGC119963, MSV
Gene Description	v-mos Moloney murine sarcoma viral oncogene homolog
Omim ID	190060
Gene Ontology	Hyperlink
Gene Summary	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]).[supplied by OMIM]
Other Designations	Oncogene MOS, Moloney murine sarcoma virus

Pathway

- [MAPK signaling pathway](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)