

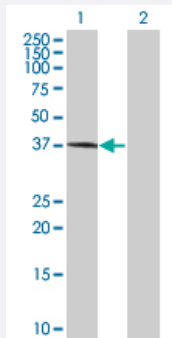
MaxPab®

MOS MaxPab mouse polyclonal antibody (B01)

Catalog # H00004342-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MOS expression in transfected 293T cell line ([H00004342-T01](#)) by MOS MaxPab polyclonal antibody.

Lane 1: MOS transfected lysate(38.06 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse 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	MPSPLALRPYLRFSEFSPSVDARPCSSPSELPKLLLGATLPRAPRLPRRLAWCSIDWEQVCLLQ RLGAGGFGSVYKATYRGVPVAIKQVNKCTKNRLASRRSFWAELNVARLRHDNVRVVAASRTPA GSNSLGTIIMEFGGNVTLHQVIYGAAGHPEGDAGEPHCRTGGQLSLGKCLKYSLDVVNGLLFLHS QSIVHLDLKPANILISEQDVCKISDFGCSEKLEDLLCFQTPSYPLGGTYTHRAPELLKGEGVTPKADI YSFAITLWQMTTKQAPYSGERQHILYAVVAYDLRPSLSAAVFEDSLPGQRLGDVIQRCWRPSAAQ RPSARLLLVDLTSLKAEELG
Host	Mouse
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.

Note

For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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- Western Blot (Transfected lysate)

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[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](#)