



Mos Polyclonal Antibody

Catalog No	YP-Ab-14861
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA;IHC
Gene Name	MOS
Immunogen	The antiserum was produced against synthesized peptide derived from human MOS. AA range:61-110
Specificity	Mos Polyclonal Antibody detects endogenous levels of Mos protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	c-mos;MOS;MSV;oncogene MOS;Oocyte maturation factor mos;Proto oncogene c Mos;Proto-oncogene serine/threonine-protein kinase mos;Proto-oncogene c-Mos
Observed Band	40kD
Calculated Molecular Weight	40kD
Cell Pathway	intracellular,
Tissue Specificity	Expressed specifically in testis during spermatogenesis.
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family., similarity:Contains 1 protein kinase domain.,tissue specificity:Expressed specifically in testis during spermatogenesis.,
Background	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, Jul 2009],

**matters needing attention**

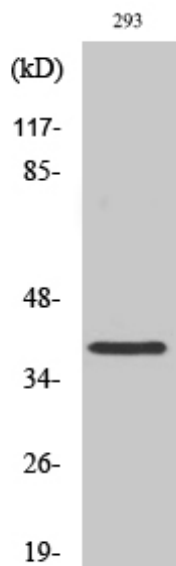
Avoid repeated freezing and thawing!

Usage suggestions

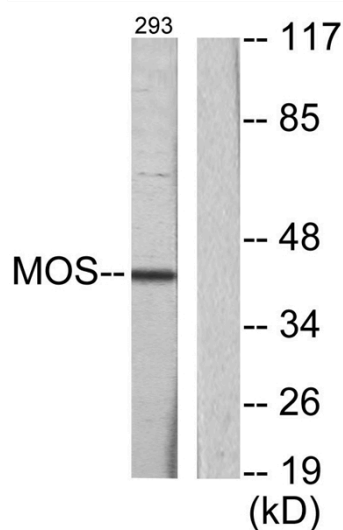
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



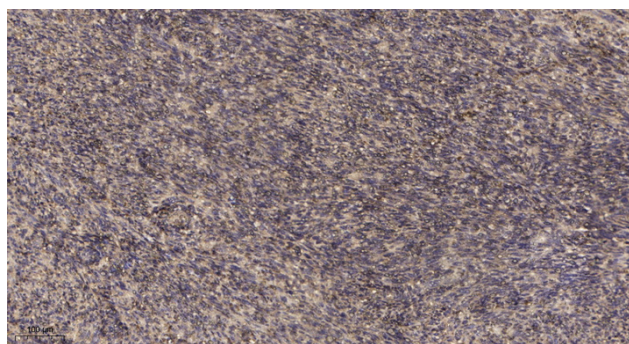
Products Images



Western Blot analysis of various cells using Mos Polyclonal Antibody



Western blot analysis of lysates from 293 cells, using MOS Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human uterus. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).