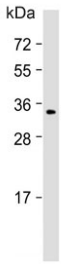
MOX-2 Antibody / MEOX2 (F54721)

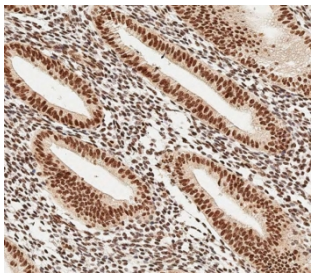
Catalog No.	Formulation	Size
F54721-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54721-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

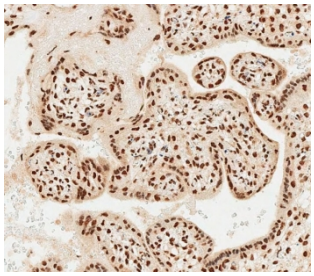
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P50222
Localization	Nuclear
Applications	Immunohistochemistry (FFPE): 1:25 Immunofluorescence: 1:25 Western blot: 1:500-1:2000
Limitations	This MOX-2 antibody is available for research use only.



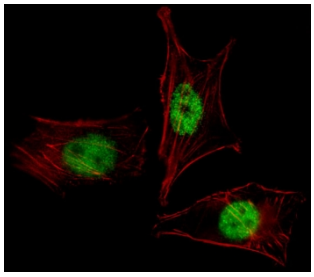
Western blot testing of human MCF7 cell lysate with MOX-2 antibody. Predicted molecular weight ~34 kDa.



IHC testing of FFPE human uterus tissue with MOX-2 antibody. HIER: steam section in pH9 EDTA for 20 min and allow to cool prior to staining.



IHC testing of FFPE human placenta tissue with MOX-2 antibody. HIER: steam section in pH9 EDTA for 20 min and allow to cool prior to staining.



Immunofluorescent staining of fixed and permeabilized mouse NIH 3T3 cells with MOX-2 antibody (green) and anti-Actin (red).

Description

The MEOX2 gene encodes a member of a subfamily of non-clustered, diverged, antennapedia-like homeobox-containing genes. The encoded protein may play a role in the regulation of vertebrate limb myogenesis. Mutations in the related mouse protein may be associated with craniofacial and/or skeletal abnormalities, in addition to neurovascular dysfunction observed in Alzheimer's disease.

Application Notes

The stated application concentrations are suggested starting points. Titration of the MOX-2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 164-192 from the human protein was used as the immunogen for the MOX-2 antibody.

Storage

Aliquot the MOX-2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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