

OXR1 Rabbit mAb

Catalog NO.: A24005 **Recombinant**

Basic Information

Observed MW

139 kDa

Calculated MW

24-98 kDa

Category

Monoclonal Antibodies

Applications

WB, IF-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Clone number

ARC63009

Background

Predicted to enable oxidoreductase activity. Predicted to be involved in response to oxidative stress. Predicted to act upstream of or within several processes, including adult walking behavior; negative regulation of neuron death; and negative regulation of peptidyl-cysteine S-nitrosylation. Predicted to be located in mitochondrion and nucleolus. Predicted to be active in nucleus. Implicated in cerebellar hyplasia/atrophy, epilepsy, and global developmental delay.

Recommended Dilutions

WB 1:1000 - 1:2000

IF-P 1:200 - 1:400

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

55074

Swiss Prot

Q8N573

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

TLDC3; CHEGDD; Nbla00307; OXR1

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

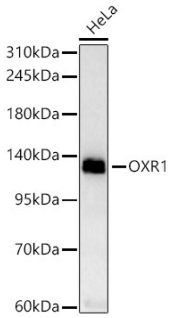
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from HeLa cells, using OXR1 Rabbit mAb (A24005) at 1:1000 dilution incubated overnight at 4°C.

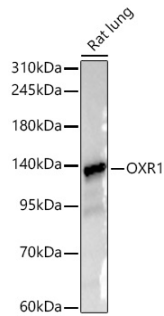
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60 s.



Western blot analysis of lysates from Rat lung using OXR1 Rabbit mAb (A24005) at 1:1000 dilution incubated overnight at 4°C.

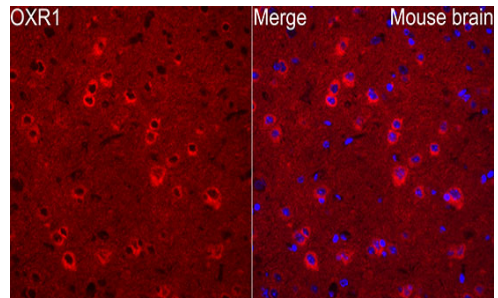
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60 s.



Immunofluorescence analysis of paraffin-embedded mouse brain using OXR1 Rabbit mAb (A24005) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.