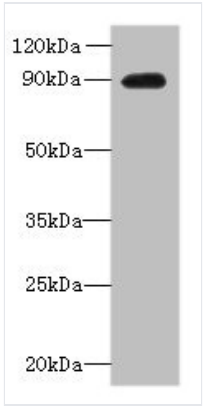
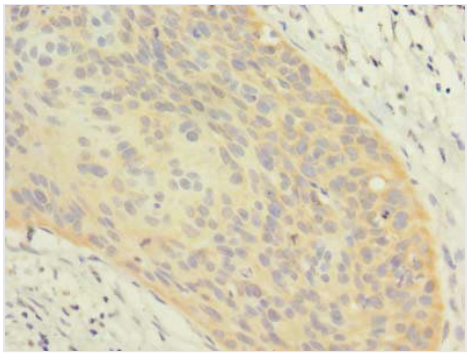
OXR1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

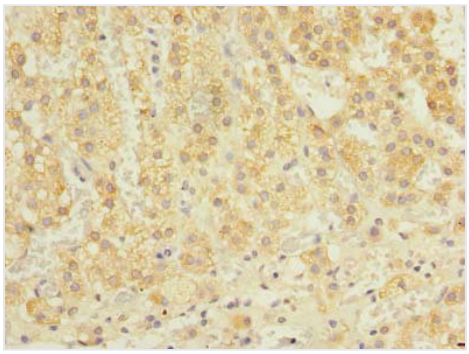
Product Name	OXR1, Polyclonal Antibody
Full Product Name	OXR1 Antibody
Product Gene Name	anti-OXR1 antibody
Product Synonym Names	Oxidation resistance protein 1; OXR1; Nbla00307
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	Affinity Purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.
Matching Pairs	Unconjugated Antibody: OXR1 (MBS7000081) Biotin Conjugated Antibody: OXR1 (MBS1495740)
Matching Pairs	Unconjugated Antibody: OXR1 (MBS7000081) FITC Conjugated Antibody: OXR1 (MBS1497950)
Matching Pairs	Unconjugated Antibody: OXR1 (MBS7000081) HRP Conjugated Antibody: OXR1 (MBS1499160)
Molecular Weight	97,916 Da
OMIM	605609
3D Structure	ModBase 3D Structure for Q8N573
Immunogen	Recombinant human Oxidation resistance protein 1 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-98060 / sc-98061
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-OXR1 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-OXR1 antibody	Recommended dilution: WB:1:500-2000, IHC:1:20-1:200
Related Product Information for anti-OXR1 antibody	MBS7000081 is an antibody targeting OXR1. Also known as OXR1 Antibody. Reactive in Human. Host: Rabbit. May be involved in protection from oxidative damage.
Other Notes	Small volumes of anti-OXR1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-OXR1 antibody
Western blotAll lanes: OXR1 antibody at 1ug/ml+ Hela whole cell lysateGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 98,94,56,28,95,34,25 kDaObserved band size: 85 kDa



Immunohistochemistry (IHC) of anti-OXR1 antibody
Immunohistochemistry of paraffin-embedded human cervical cancer using MBS7000081 at dilution of 1:100



Immunohistochemistry (IHC) of anti-OXR1 antibody
Immunohistochemistry of paraffin-embedded human adrenal gland tissue using MBS7000081 at dilution of 1:100

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OXR1. It may not necessarily be applicable to this product.

NCBI GI #	309384265
NCBI GeneID	55074
NCBI Accession #	NP_001185461.1
UniProt Primary Accession #	Q8N573
UniProt Secondary Accession #	Q3LIB5; Q6ZVK9; Q8N8V0; Q9H266; Q9NWC7; A6NK11; A8KA34; B3KXL1; B7Z402; B7Z8N5; D3HIS6
UniProt Related Accession #	Q8N573
GenBank Nucleotide #	NM_001198532.1
NCBI Official Full Name	oxidation resistance protein 1 isoform 3
NCBI Official Synonym Full Names	oxidation resistance 1
NCBI Official Symbol	OXR1
NCBI Official Synonym Symbols	TLDC3; Nbla00307
UniProt Protein Name	Oxidation resistance protein 1
Protein Family	Oxidation resistance protein
UniProt Gene Name	OXR1
UniProt Entry Name	OXR1_HUMAN

NCBI Protein Information	oxidation resistance protein 1
UniProt Comments for OXR1	OXR1: May be involved in protection from oxidative damage. Belongs to the OXR1 family. 8 isoforms of the human protein are produced by alternative splicing. Protein type: Mitochondrial Chromosomal Location of Human Ortholog: 8q23 Cellular Component: mitochondrion; nucleolus Molecular Function: oxidoreductase activity; protein binding Biological Process: adult walking behavior; negative regulation of neuron apoptosis; response to oxidative stress
Research Articles on OXR1	**1.** Oxr1 serves as a potential therapeutic target for ALS and other neurodegenerative disorders characterized by TDP-43 or FUS pathology.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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