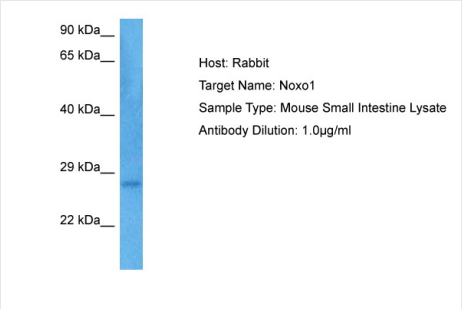
NOXO1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NOXO1, Polyclonal Antibody
Full Product Name	NOXO1 Antibody-N-terminal region
Product Gene Name	anti-NOXO1 antibody
Product Synonym Names	NADPH oxidase organizer 1; hslt; Snx28; P41NOX; P41NOXA; P41NOXB; P41NOXC; 2310034C04Rik
Immunogen Sequence	VQMDRLQTFA FSVCWSDNSD TFVRRSWDEF RQLQKTLKKT FPVEAGLLRR
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity Purified
Concentration	Batch dependent within range: 100ul at 0.5-1mg/ml (lot specific)
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	NOXO1 peptide (MBS3249432) is used for blocking the activity of NOXO1 antibody (MBS3249758)
Molecular Weight	26kDa
3D Structure	ModBase 3D Structure for Q8VCM2
Protein Size	239 amino acids
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of mouse NOXO1
Applications Tested/Suitable for anti-NOXO1 antibody	Western Blot (WB)
Related Product Information for anti-NOXO1 antibody	Description of Target: Constitutively potentiates the superoxide-generating activity of NOX1 and NOX3 and is required for the biogenesis of otoconia/otolith, which are crystalline structures of the inner ear involved in the perception of gravity. Isoform 3 is more potent than isoform 1 in activating NOX3. Together with NOXA1, may also substitute to NCF1/p47phox and NCF2/p67phox in supporting the phagocyte NOX2/gp91phox superoxide-generating activity.
Other Notes	Small volumes of anti-NOXO1 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.
Searchable Terms for NOXO1 purchase	MBS3249758 is an antibody targeting NOXO1. Also known as NOXO1 Antibody-N-terminal region. Reactive in Mouse. Host: Rabbit.



Western Blot (WB) of anti-NOXO1 antibody
Host: RabbitTarget Name: NOXO1Sample Tissue: Mouse Small Intestine lysatesAntibody Dilution: 1ug/ml

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NOXO1. It may not necessarily be applicable to this product.

NCBI GeneID	71893
NCBI Accession #	NM_027988.4
UniProt Primary Accession #	Q8VCM2
UniProt Related Accession #	NP_082264.2
UniProt Protein Name	NADPH oxidase organizer 1
UniProt Synonym Protein Names	Sorting nexin-28
Protein Family	NADPH oxidase organizer
UniProt Gene Name	Noxo1
UniProt Synonym Gene Names	Snx28; Nox organizer 1
UniProt Entry Name	NOXO1_MOUSE
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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