

NOXO1 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS17196**Specification**

NOXO1 Antibody (C-Terminus) - Product Information

Application	IHC-P, WB
Primary Accession	Q8NFA2
Other Accession	124056
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	41253

NOXO1 Antibody (C-Terminus) - Additional Information**Gene ID** 124056**Other Names**

NOXO1, NADPH oxidase organizer 1, Nox-organizing protein 1, p41NOX, p41NOXA, p41NOXC, Regulatory protein P41NOX, Nox organizer 1, p41NOXB, SH3PXD5, SNX28

Target/Specificity

Human NOXO1

Reconstitution & Storage

0.1 M Tris-glycine, pH 7.0, 10% glycerol, 0.01% Thimerosal. Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Precautions

NOXO1 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

NOXO1 Antibody (C-Terminus) - Protein Information**Name** NOXO1**Synonyms** P41NOX, SH3PXD5**Function**

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.

Cellular Location

[Isoform 3]: Cell membrane; Peripheral membrane protein; Cytoplasmic side. Note=Isoform 3 associates with the plasma membrane in a lipid-dependent manner (PubMed:12716910)

Tissue Location

Expressed in testis, small and large intestines, liver, kidney and pancreas. Isoform 3 is mainly expressed in colon Isoform 1 is preferentially expressed in testis

Volume

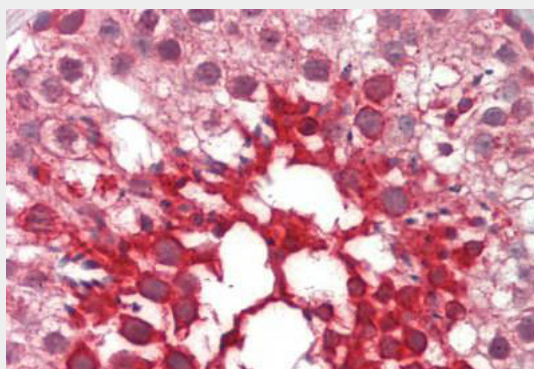
50 μ l

NOXO1 Antibody (C-Terminus) - Protocols

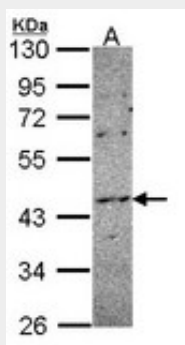
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NOXO1 Antibody (C-Terminus) - Images



Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)



Sample (30 ug of whole cell lysate). A: HCT116 10% SDS PAGE. NOXO1 antibody diluted at 1:1000.

NOXO1 Antibody (C-Terminus) - Background

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NOXO1 Antibody (C-Terminus) - References

Banfi B.,et al.J. Biol. Chem. 278:3510-3513(2003).
Geiszt M.,et al.J. Biol. Chem. 278:20006-20012(2003).
Takeya R.,et al.J. Biol. Chem. 278:25234-25246(2003).
Cheng G.,et al.J. Biol. Chem. 279:4737-4742(2004).
Cheng G.,et al.Gene 356:118-126(2005).