

NOXO1 Antibody (aa238-252)
Rabbit Polyclonal Antibody
Catalog # ALS11416**Specification**

NOXO1 Antibody (aa238-252) - Product Information

Application	WB
Primary Accession	Q8NFA2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41kDa KDa

NOXO1 Antibody (aa238-252) - Additional Information**Gene ID** 124056**Other Names**

NADPH oxidase organizer 1, NADPH oxidase regulatory protein, Nox organizer 1, Nox-organizing protein 1, SH3 and PX domain-containing protein 5, NOXO1, P41NOX, SH3PXD5

Target/Specificity

Amino acids 238-252 of human NOXO1 protein.

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

NOXO1 Antibody (aa238-252) is for research use only and not for use in diagnostic or therapeutic procedures.

NOXO1 Antibody (aa238-252) - 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)

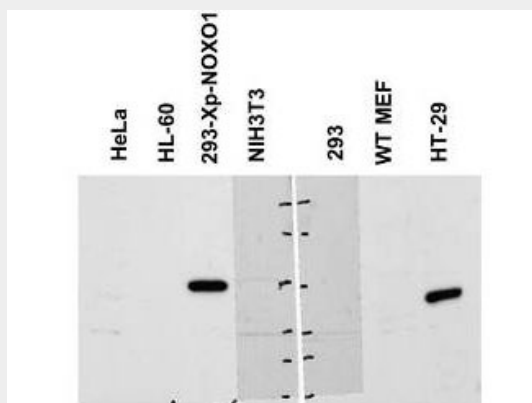
Tissue Location

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

NOXO1 Antibody (aa238-252) - 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 (aa238-252) - Images

Anti-NOXO1 Antibody - Western Blot.

NOXO1 Antibody (aa238-252) - Background

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NOXO1 Antibody (aa238-252) - References

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Takeya R., et al. J. Biol. Chem. 278:25234-25246(2003).
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