

Nox3 Polyclonal Antibody
Catalog # AP71358**Specification**

Nox3 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q9HBY0
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

Nox3 Polyclonal Antibody - Additional Information**Gene ID** 50508**Other Names**

NOX3; MOX2; NADPH oxidase 3; Mitogenic oxidase 2; MOX-2; gp91phox homolog 3; GP91-3

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Nox3 Polyclonal Antibody - Protein Information**Name** NOX3**Synonyms** MOX2**Function**

NADPH oxidase that catalyzes the generation of superoxide from molecular oxygen utilizing NADPH as an electron donor, upon formation of a complex with CYBA/p22phox (PubMed:15181005, PubMed:15824103). Plays a role in the biogenesis of otoconia/otolith, which are crystalline structures of the inner ear involved in the perception of gravity (By similarity).

Cellular Location

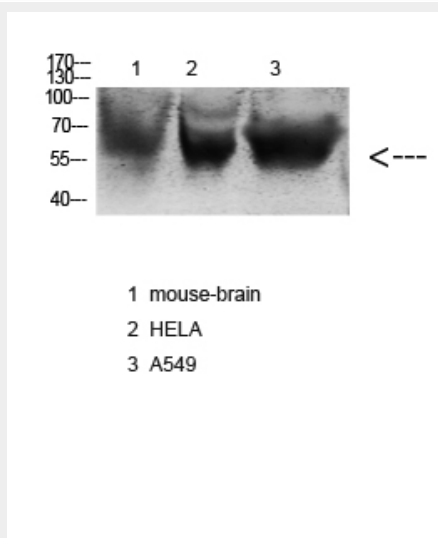
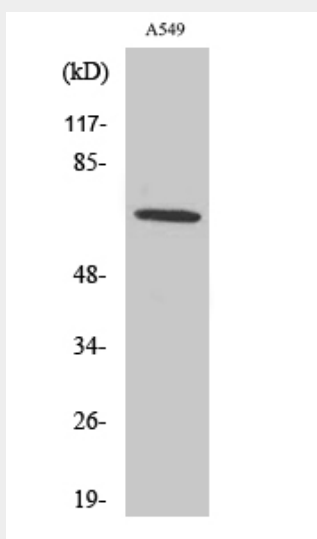
Cell membrane {ECO:0000250|UniProtKB:Q672J9}; Multi-pass membrane protein

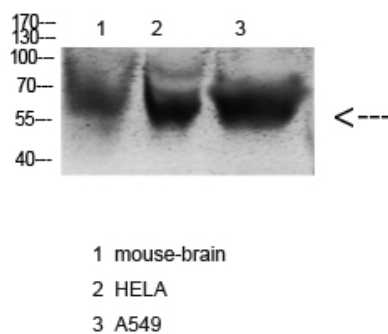
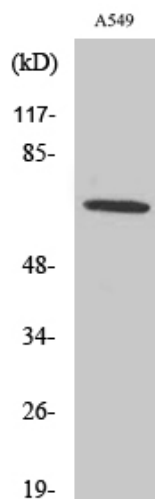
Nox3 Polyclonal Antibody - Protocols

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](#)

Nox3 Polyclonal Antibody - Images





Nox3 Polyclonal Antibody - Background

NADPH oxidase which constitutively produces superoxide upon formation of a complex with CYBA/p22phox. Plays a role in the biogenesis of otoconia/otolith, which are crystalline structures of the inner ear involved in the perception of gravity.