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Nox3 Polyclonal Antibody

Catalog # AP71358

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q9HBY0
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64935

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. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

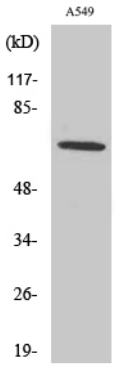
Name	NOX3
Synonyms	MOX2
Function	NADPH oxidase that catalyzes the generation of superoxide from molecular oxygen utilizing NADPH as an electron donor, upon formation of a complex with CYBA/p22phox (PubMed:15181005, PubMed:15824103). Plays a role in the biogenesis of otoconia/otolith, which are crystalline 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

Background

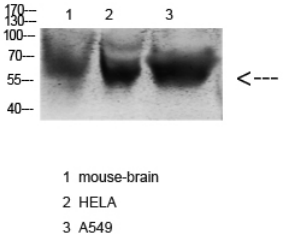
NADPH oxidase which constitutively produces superoxide upon formation of a complex with CYBA/p22phox. Plays a role in the biogenesis of otoconia/otolith, which are crystalline structures of the

inner ear involved in the perception of gravity.

Images



Western Blot analysis of various cells using Nox3 Polyclonal Antibody



1 mouse-brain
2 HELA
3 A549

Western blot analysis of various cell Lysate, antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.