

p47phox (mouse) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3417a

Specification

p47phox (mouse) Antibody (internal region) - Product Information

Application	WB
Primary Accession	P14598
Other Accession	NP_035006.3 , 653361 , 17969 (mouse) , 114553 (rat)
Reactivity	Mouse
Predicted	Human, Rat, Pig, Dog, Cow
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	44682

p47phox (mouse) Antibody (internal region) - Additional Information

Gene ID 653361

Other Names

Neutrophil cytosol factor 1, NCF-1, 47 kDa autosomal chronic granulomatous disease protein, 47 kDa neutrophil oxidase factor, NCF-47K, Neutrophil NADPH oxidase factor 1, Nox organizer 2, Nox-organizing protein 2, SH3 and PX domain-containing protein 1A, p47-phox, NCF1, NOXO2, SH3PXD1A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

p47phox (mouse) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

p47phox (mouse) Antibody (internal region) - Protein Information

Name NCF1

Synonyms NOXO2, SH3PXD1A

Function

NCF2, NCF1, and a membrane bound cytochrome b558 are required for activation of the latent

NADPH oxidase (necessary for superoxide production).

Cellular Location

Cytoplasm, cytosol. Membrane; Peripheral membrane protein; Cytoplasmic side

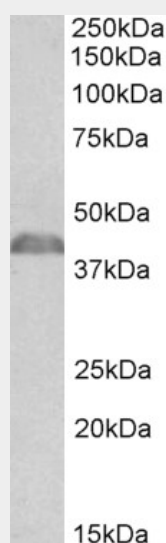
Tissue Location

Detected in peripheral blood monocytes and neutrophils (at protein level).

p47phox (mouse) Antibody (internal region) - 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](#)

p47phox (mouse) Antibody (internal region) - Images

AF3417a (0.03 µg/ml) staining of Mouse Thymus lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

p47phox (mouse) Antibody (internal region) - References

Hematologically important mutations: the autosomal recessive forms of chronic granulomatous disease (second update). Roos D, Kuhns DB, Maddalena A, Bustamante J, Kannengiesser C, de Boer M, van Leeuwen K, Kalker MY, Wolach B, Roesler J, Malech HL, Holland SM, Gallin JI, Stasia MJ, Blood cells, molecules & diseases 2010 Apr 44 (4): 291-9. PMID: 20167518