



Datasheet for ABIN7101556

anti-NCF2 antibody



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2 Images

Overview

Quantity:	20 µL
Target:	NCF2
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This NCF2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human NOXA2/p67phox
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	NCF2
Alternative Name:	NCF2 (NCF2 Products)
Background:	This gene encodes neutrophil cytosolic factor 2, the 67-kilodalton cytosolic subunit of the multi-protein NADPH oxidase complex found in neutrophils. This oxidase produces a burst of

Target Details

superoxide which is delivered to the lumen of the neutrophil phagosome. Mutations in this gene, as well as in other NADPH oxidase subunits, can result in chronic granulomatous disease, a disease that causes recurrent infections by catalase-positive organisms. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jun 2010],NCF-2, NOXA2, P67-PHOX, P67PHOX,Cancer,Endocrine & Metabolism,Immunology & Inflammation,NCF2

Molecular Weight: 67 kDa

Gene ID: 4688

UniProt: [P19878](#)

Application Details

Application Notes: WB,1:500 - 1:2000, IHC,1:50 - 1:200

Restrictions: For Research Use only

Handling

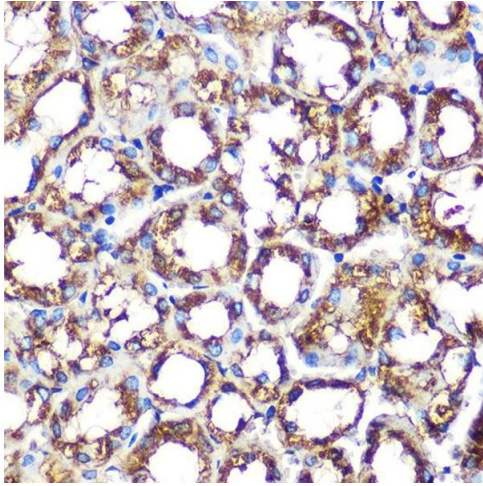
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

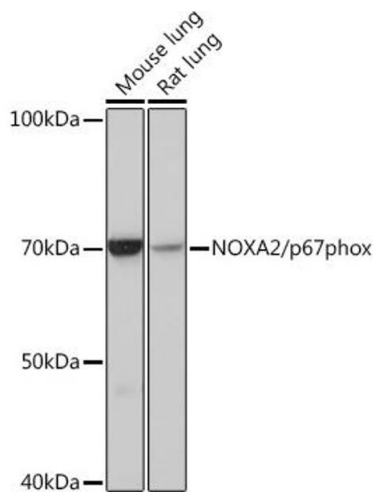
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse kidney using NOX/p67phox Rabbit mAb (ABIN1679067, ABIN7101556, ABIN7101557 and ABIN7101558) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using NOX/p67phox Rabbit mAb (ABIN1679067, ABIN7101556, ABIN7101557 and ABIN7101558) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.