

Rabbit anti-Human, Mouse p40phox Polyclonal Antibody | anti-NCF4 antibody

Phospho-p40phox (Thr154) Antibody

CATALOG # AAA321360	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	-----------------------------------	---

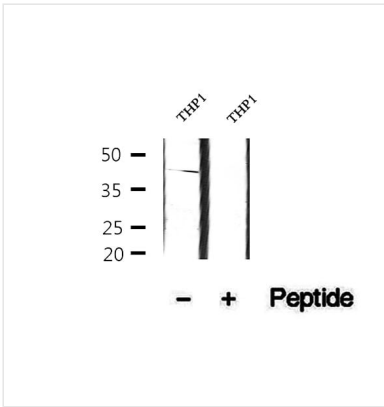
PRODUCT SYNONYMS

p40phox; Polyclonal Antibody; Phospho-p40phox (Thr154) Antibody; CGD3; MGC3810; NCF 4; NCF; NCF-4; Ncf4; NCF4_HUMAN; Neutrophil cytosol factor 4; Neutrophil cytosolic factor 4; Neutrophil NADPH oxidase factor 4; p40-phox; SH3 and PX domain-containing protein 4; SH3PXD4; anti-NCF4 antibody

PRODUCT SPECIFICATIONS

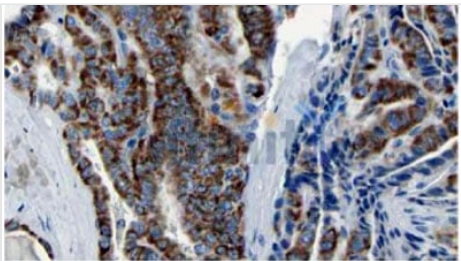
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-p40 phox (Thr154) Antibody detects endogenous levels of p40 phox only when phosphorylated at Thr154.
Purity/Purification	Peptide affinity purification
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	339
Applicable Applications for anti-NCF4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human p40phox around the phosphorylation site of Thr154.
Conjugation	Unconjugated
Epitope	Phospho Thr154
Important	For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



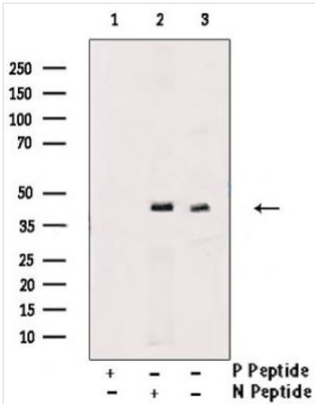
WB (Western Blot)

Western blot analysis of extracts of THP1 cells, using Phospho-p40phox (Thr154) Antibody.



IHC (Immunohistochemistry)

AAA321360 at 1/100 staining Human thyroid cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from THP1 cells, using Phospho-p40phox (Thr154) Antibody. Lane1 was treated with phospho-blocking peptide, Lane2 was treated with nonphospho-blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-NCF4 antibody	Function: Component of the NADPH-oxidase, a multicomponent enzyme system responsible for the oxidative burst in which electrons are transported from NADPH to molecular oxygen, generating reactive oxidant intermediates. It may be important for the assembly and/or activation of the NADPH-oxidase complex. Subunit Structure: Component of an NADPH oxidase complex composed of a heterodimer formed by the membrane proteins CYBA and CYBB and the cytosolic subunits NCF1, NCF2 and NCF4. NCF4 interacts primarily with NCF2 to form a complex with NCF1. Similarity: The PB1 domain mediates the association with NCF2/p67-PHOX. The PX domain mediates interaction with membranes enriched in phosphatidylinositol 3-phosphate.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	47519798
NCBI GeneID	4689
NCBI Accession #	NP_000622.2
NCBI GenBank Nucleotide #	NM_000631.4
UniProt Accession #	Q15080; O60808; Q86U56; Q9BU98; Q9NP45; A8K4F9
Molecular Weight	40kDa
NCBI Official Full Name	neutrophil cytosol factor 4 isoform 1

NCBI Official Synonym Full Names	neutrophil cytosolic factor 4
NCBI Official Symbol	NCF4
NCBI Official Synonym Symbols	NCF; CGD3; P40PHOX; SH3PXD4
NCBI Protein Information	neutrophil cytosol factor 4
UniProt Protein Name	Neutrophil cytosol factor 4
UniProt Gene Name	NCF4
UniProt Synonym Gene Names	SH3PXD4; NCF-4; p40phox

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/p40phox-antibody-immunohistochemistry-western-blot-elisa/321360>