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Datasheet for ABIN190755

anti-NCF4 antibody (Internal Region)

4 Images

Overview

Quantity:	100 µg
Target:	NCF4
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This NCF4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	NCF4 / P40PHOX
Immunogen:	Peptide with sequence C-KDFPEEDDPTN, from the internal region of the protein sequence according to NP_000622.2, NP_038202.1.
Sequence:	KDFPEEDDPT N
Isotype:	IgG
Specificity:	This antibody is expected to recognise both reported isoforms (NP_000622.2 and NP_038202.1).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: NCF4

Alternative Name: NCF4 ([NCF4 Products](#))

Background: NCF4, P40PHOX, neutrophil cytosolic factor 4, 40 kDa , CTA-833B7.1, MGC3810, NCF, SH3PXD4, OTTHUMP00000028736, OTTHUMP00000043756, neutrophil NADPH oxidase factor 4, neutrophil cytosol factor 4, neutrophil cytosolic factor 4 (40kD)

Gene ID: 4689

NCBI Accession: [NP_000622](#), [NP_038202](#)

Application Details

Application Notes: Immunohistochemistry: Paraffin embedded Human Tonsil and Spleen. Recommended concentration: 2.5 µg/mL.
Western Blot: Approx. 38 kDa band observed in lysates of cell line Daudi (calculated MW of 39.0 kDa according to NP_000622.2 and 38.8 kDa according to NP_038202.1). In transfected HEK293 transiently expressing P40PHOX a band of approx. 42 kDa is observed. Th
Peptide ELISA: antibody detection limit dilution 1:32000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

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

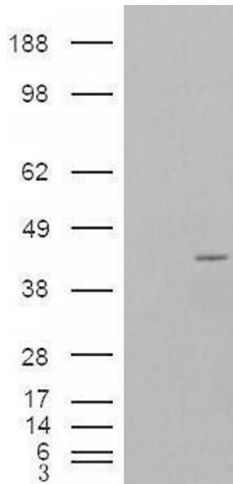
Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Handling

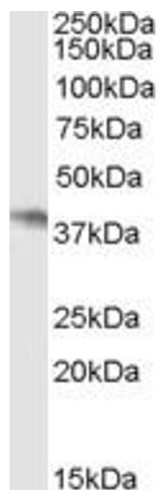
Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



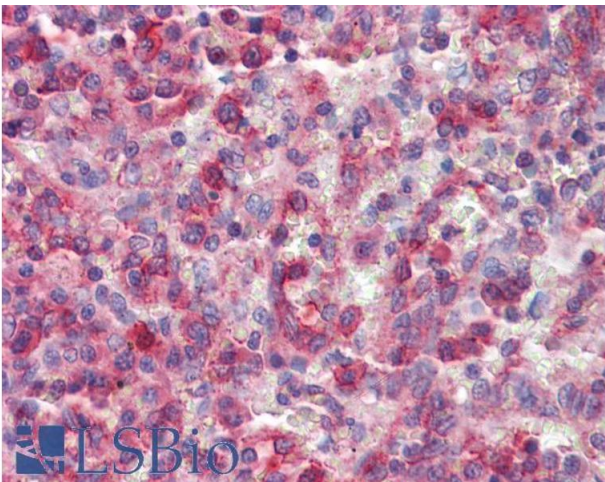
Western Blotting

Image 1. HEK293 overexpressing P40PHOX (ABIN5453785) and probed with ABIN190755 (mock transfection in first lane).



Western Blotting

Image 2. ABIN190755 (0.5 µg/ml) staining of Daudi cell lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



Immunohistochemistry

Image 3. ABIN190755 (2.5 µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN190755.