

Product Datasheet

NCF4 Antibody (orb1247225)

Catalog Number	orb1247225
Category	Antibodies
Description	NCF4 Antibody
Target	NCF4
Clonality	Polyclonal
Species/Host	Goat
Conjugation	Unconjugated
Reactivity	Human
Predicted Reactivity	Canine
Form/Appearance	Liquid
Concentration	500 ug/mL
Buffer/Preservatives	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Immunogen	The immunogen for this antibody is: C-KDFPEEDDPTN
UniProt ID	Q15080
Tested applications	ELISA, IHC, WB

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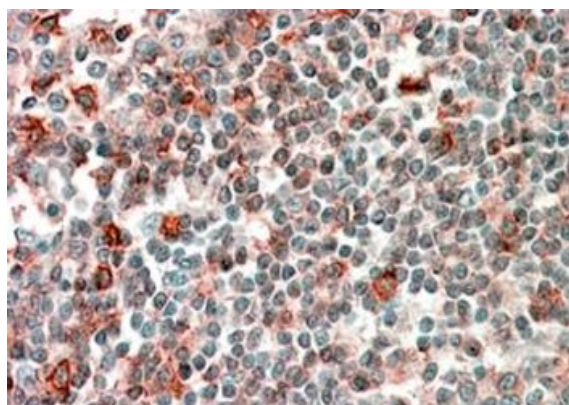
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Application notes	Peptide ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx. 38kDa band observed in lysates of cell line Daudi (calculated MW of 39.0kDa according to NP_000622.2 and 38.8kDa according to NP_038202.1). In transfected HEK293 transiently expressing P40PHOX a band of approx. 42kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 0.3-1µg/mL. Immunohistochemistry: In paraffin embedded Human Tonsil shows staining of the cytoplasm in some cells. Recommended concentration, 2-4µg/mL.
Specificity	This antibody is expected to recognise both reported isoforms (NP_000622.2 and NP_038202.1).
Antibody Type	Primary Antibody
Modifications	None
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
NCBI	NP_038202.1, NP_000622.2
Expiration Date	12 months from date of receipt.



orb1247225 (0.5 ug/ml) staining of Daudi cell lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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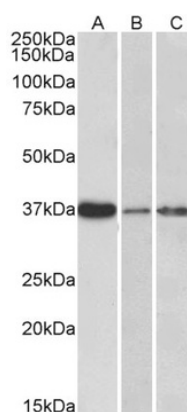
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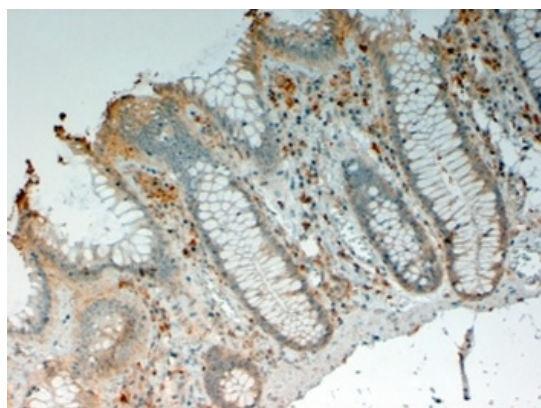
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HEK293 overexpressing P40PHOX and probed with orb1247225 (mock transfection in first lane).



orb1247225 (2.5 ug/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

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