

Product datasheet for **AP55828PU-N**

NCF1 pSer345 Rabbit Polyclonal Antibody

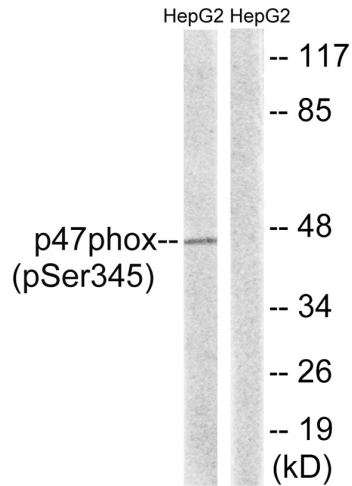
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western blot: 1:500~1:1000. Immunohistochemistry on paraffin sections: 1:50~1:100.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Peptide sequence around phosphorylation site of Serine 345(P-Q-S(p)-P-G) derived from Human Nuclear p47 phox (KLH-conjugated)
Specificity:	The antibody detects endogenous levels of p47 phox only when phosphorylated at serine 345.
Formulation:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography using epitope-specific peptide
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	45 kDa
Gene Name:	neutrophil cytosolic factor 1
Database Link:	Entrez Gene 653361 Human P14598
Background:	NCF2, NCF1, and a membrane bound cytochrome b558 are required for activation of the latent NADPH oxidase (necessary for superoxide production).
Synonyms:	NCF-1, Neutrophil cytosol factor 1, NOXO2, Nox organizer 2, SH3PXD1A

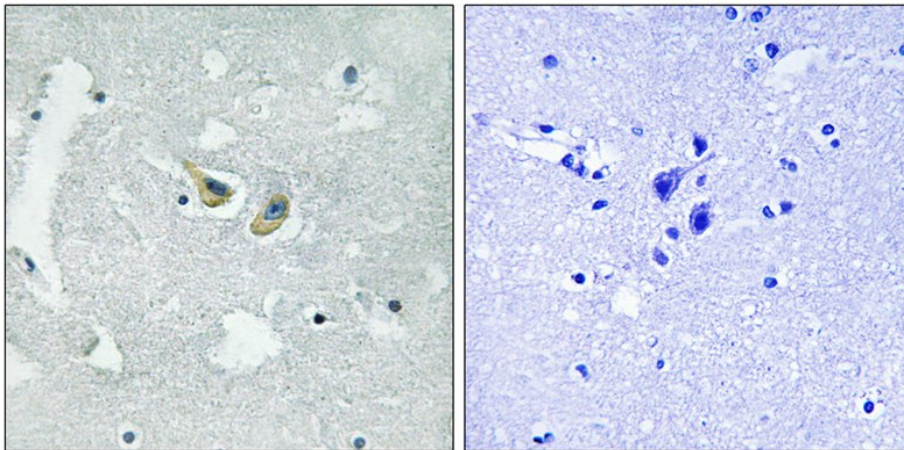


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Product images:



Western blot analysis of extracts from HepG2 cells treated with TNF using p47 phox (Phospho-Ser345) Antibody. The lane on the right is treated with the antigen-specific peptide.



Immunohistochemical analysis of paraffin-embedded human brain tissue using p47 phox (Phospho-Ser345) antibody (left) or the same antibody preincubated with blocking peptide (right).