

p47 phox (Ab-345) Antibody

Catalog No: #33293



Package Size: #33293-1 50ul #33293-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

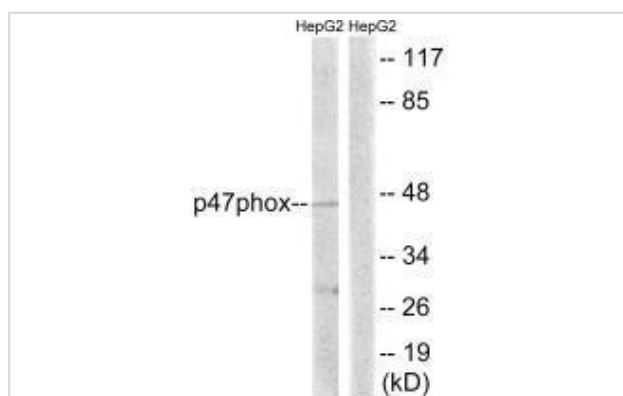
Product Name	p47 phox (Ab-345) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total p47 phox protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized non-phosphopeptide derived from human p47 phox around the phosphorylation site of serine 345 (P-Q-S(p)-P-G).
Target Name	p47 phox
Other Names	47 kDa autosomal chronic granulomatous disease protein; 47 kDa neutrophil oxidase factor; NCF-1; NCF-47K; NCF1
Accession No.	Swiss-Prot: P14598NCBI Gene ID: 653361
SDS-PAGE MW	45kd
Concentration	1.0mg/ml
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.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

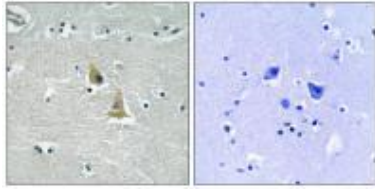
Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from HepG2 cells, treated with TNF (20ng/ml, 5mins), using p47 phox (Ab-345) antibody #33293.

Immunohistochemistry analysis of paraffin-embedded human brain tissue using p47 phox (Ab-345) antibody #33293.



Background

NCF2, NCF1, and a membrane bound cytochrome b558 are required for activation of the latent NADPH oxidase (necessary for superoxide production).

Volpp B.D., Proc. Natl. Acad. Sci. U.S.A. 86:7195-7199(1989).

Lomax K.J., Science 245:409-412(1989).

Rodaway A.R.F., Mol. Cell. Biol. 10:5388-5396(1990).

Published Papers

el at., Clonorchis sinensis ferritin heavy chain triggers free radicals and mediates inflammation signaling in human hepatic stellate cells.In Parasitol Res on 2015 Feb by Qiang Mao, Zhizhi Xie et al..PMID: 25413629, , (2015)

[PMID:25413629](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.