

Cytochrome P450 11A1 Antibody

Catalog No: #35214

Package Size: #35214-1 50ul #35214-2 100ul

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

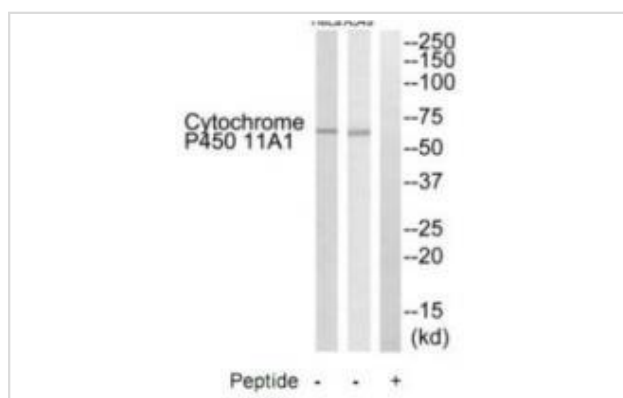
Description

Product Name	Cytochrome P450 11A1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total Cytochrome P450 11A1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from C-terminal of human Cytochrome P450 11A1.
Target Name	Cytochrome P450 11A1
Other Names	Cholesterol side-chain cleavage enzyme mitochondrial; CYPXIA1; Cholesterol desmolase; Cytochrome P450 11A1; Cytochrome P450(scc)
Accession No.	Swiss-Prot: P05108NCBI Gene ID: 1583
Uniprot	P05108
GeneID	1583;
SDS-PAGE MW	60kd
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

Images



Western blot analysis of extracts from HeLa cells and A549 cells, using Cytochrome P450 11A1 antibody #35214.

Background

Catalyzes the side-chain cleavage reaction of cholesterol to pregnenolone.

Chung B.-C., Proc. Natl. Acad. Sci. U.S.A. 83:8962-8966(1986).

Morohashi K., J. Biochem. 101:879-887(1987).

Ota T., Nat. Genet. 36:40-45(2004).

Note: This product is for in vitro research use only