

ATP5S Antibody

Catalog No: #34455

Package Size: #34455-1 50ul #34455-2 100ul

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

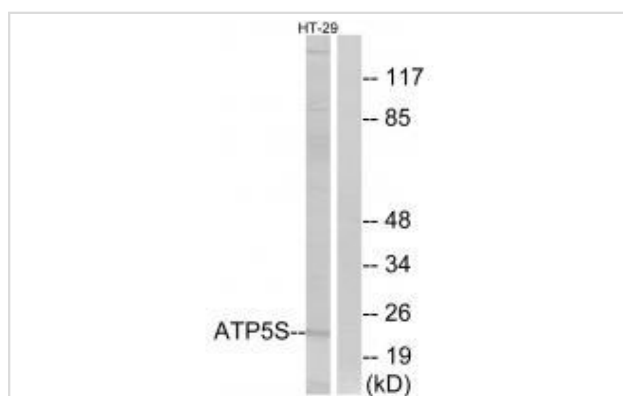
Description

Product Name	ATP5S 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 Ms
Specificity	The antibody detects endogenous levels of total ATP5S protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human ATP5S.
Target Name	ATP5S
Other Names	ATP synthase subunit s; mitochondrial [Precursor]; ATP synthase-coupling factor B; Mitochondrial ATP synthase regulatory component factor B; ATP5S
Accession No.	Swiss-Prot: Q99766NCBI Gene ID: 27109
Uniprot	Q99766
GeneID	27109;
SDS-PAGE MW	23kd
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 HT-29 cells, using ATP5S antibody #34455.

Background

Involved in regulation of mitochondrial membrane ATP synthase. Necessary for H⁺ conduction of ATP synthase. Facilitates energy-driven catalysis of ATP synthesis by blocking a proton leak through an alternative proton exit pathway By similarity.

Belogradov G.I., J. Biol. Chem. 277:6097-6103(2002).

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

Mural R.J., Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Note: This product is for in vitro research use only