

ATF6B Antibody

Catalog No: #34039

Package Size: #34039-1 50ul #34039-2 100ul

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

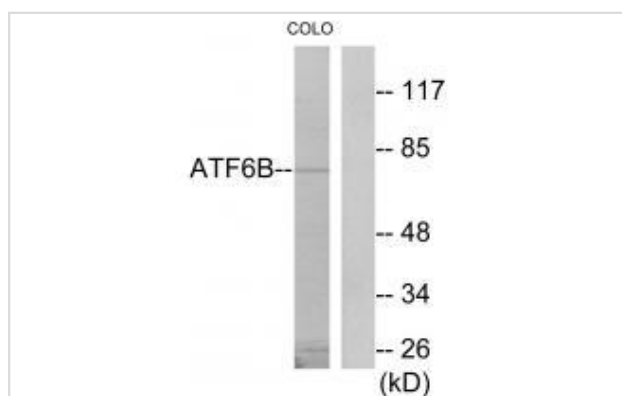
Description

Product Name	ATF6B 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 ATF6B protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human ATF6B.
Target Name	ATF6B
Other Names	Cyclic AMP-dependent transcription factor ATF-6 beta; Activating transcription factor 6 beta; ATF6-beta; cAMP-responsive element-binding protein-like 1; cAMP response element-binding protein-related protein
Accession No.	Swiss-Prot: Q99941NCBI Gene ID: 1388
Uniprot	Q99941
GeneID	1388;
SDS-PAGE MW	76kd
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 COLO205 cells, using ATF6B antibody #34039.

Background

Transcriptional factor that acts in the unfolded protein response (UPR) pathway by activating UPR target genes induced during ER stress. Binds DNA on the 5'-CCAC[GA]-3' half of the ER stress response element (ERSE) (5'-CCAATN9CCAC[GA]-3') when NF-Y is bound to ERSE.

Min J., Genomics 30:149-156(1995).

Khanna A., Biochem. J. 319:81-89(1996).

Xie T., Genome Res. 13:2621-2636(2003).

Note: This product is for in vitro research use only