

53BP1 (Ab-29) Antibody

Catalog No: #33270

Package Size: #33270-1 50ul #33270-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

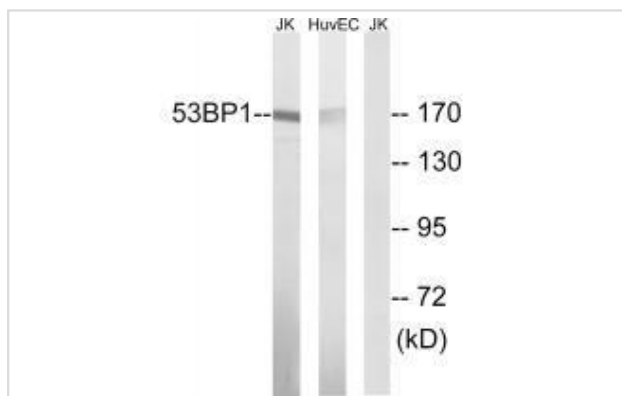
Description

Product Name	53BP1 (Ab-29) 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 53BP1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from Internal of human 53BP1.
Target Name	53BP1
Other Names	p53-binding protein 1; P531; TP53B; TP53BP1; TRP53BP1
Accession No.	Swiss-Prot: Q12888NCBI Gene ID: 7158
Uniprot	Q12888
GeneID	7158;
SDS-PAGE MW	170kd
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

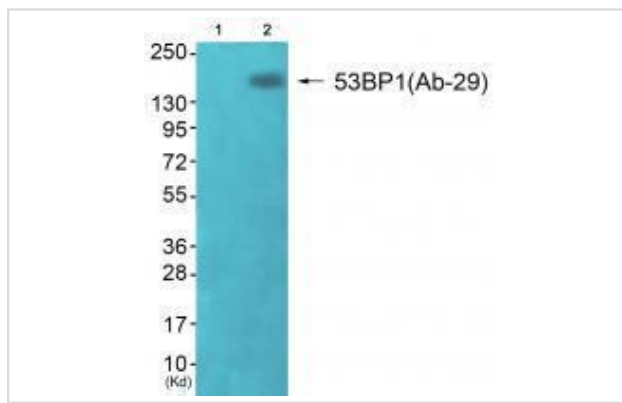
Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from Jurkat cells and HUVEC cells, using 53BP1 (Ab-29) antibody #33270.



Western blot analysis of extracts from 293 cells (Lane 2), using 53BP1 (Ab-29) antibody #33270. The lane on the left is treated with synthesized peptide.

Background

Plays a key role in the response to DNA damage. May have a role in checkpoint signaling during mitosis. Enhances TP53-mediated transcriptional activation.

Iwabuchi K., J. Biol. Chem. 273:26061-26068(1998).

Nakajima D., Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.

Bechtel S., BMC Genomics 8:399-399(2007).

Note: This product is for in vitro research use only