

TP53I3 Polyclonal Antibody

Catalog No: #30972

Package Size: #30972-1 50ul #30972-2 100ul

Orders: order@signalwayantibody.com

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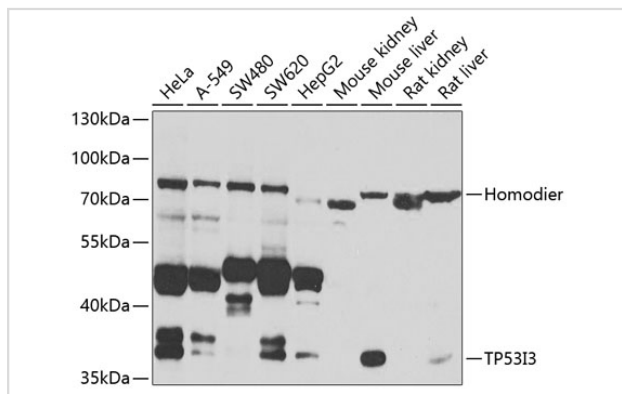
Description

Product Name	TP53I3 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human TP53I3 (NP_671713.1).
Other Names	TP53I3; PIG3; quinone oxidoreductase PIG3
Accession No.	Swiss-Prot#:Q53FA7NCBI Gene ID:9540
Uniprot	Q53FA7
GeneID	9540;
Calculated MW	37kDa/72kDa
Concentration	0.65mg/ml
Formulation	PBS with 50% glycerol,0.02% sodium azide.
Storage	Store at -20°C

Application Details

WB □ 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using TP53I3 at 1:1000 dilution.

Background

The protein encoded by this gene is similar to oxidoreductases, which are enzymes involved in cellular responses to oxidative stresses and irradiation. This gene is induced by the tumor suppressor p53 and is thought to be involved in p53-mediated cell death. It contains a p53 consensus binding site in its promoter region and a downstream pentanucleotide microsatellite sequence. P53 has been shown to transcriptionally activate this gene by

interacting with the downstream pentanucleotide microsatellite sequence. The microsatellite is polymorphic, with a varying number of pentanucleotide repeats directly correlated with the extent of transcriptional activation by p53. It has been suggested that the microsatellite polymorphism may be associated with differential susceptibility to cancer. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only