

## C10orf2 Antibody

Catalog No: #32757

Package Size: #32757-1 50ul #32757-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

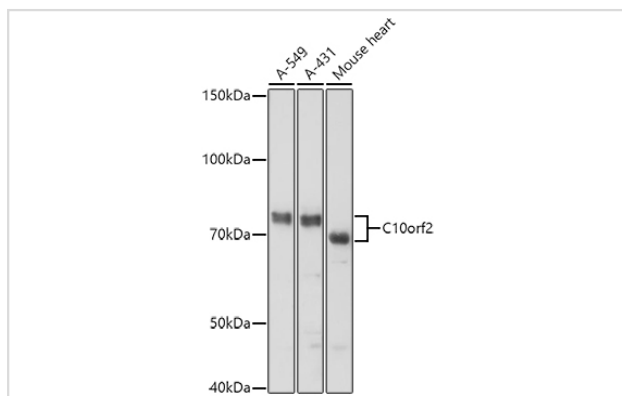
## Description

Product Name	C10orf2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total C10orf2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human C10orf2 (NP_068602.2).
Target Name	C10orf2
Other Names	TWNK;ATXN8;C10orf2;IOSCA;MTDPS7;PEO;PEO1;PEOA3;PRLTS5;SANDO;SCA8;TWINL
Accession No.	Uniprot:Q96RR1GeneID:56652
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GeneID	56652
SDS-PAGE MW	77kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

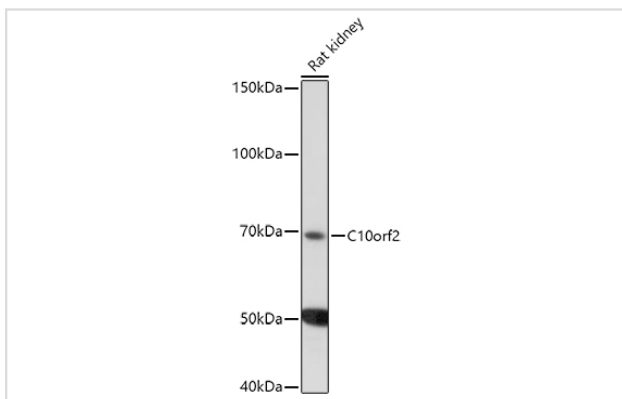
## Application Details

WB 1:500 - 1:2000

## Images



Western blot analysis of extracts of various cell lines, using C10orf2 antibody.



Western blot analysis of extracts of Rat kidney, using C10orf2 antibody.

## Background

This gene encodes a hexameric DNA helicase which unwinds short stretches of double-stranded DNA in the 5' to 3' direction and, along with mitochondrial single-stranded DNA binding protein and mtDNA polymerase gamma, is thought to play a key role in mtDNA replication. The protein localizes to the mitochondrial matrix and mitochondrial nucleoids. Mutations in this gene cause infantile onset spinocerebellar ataxia (IOSCA) and progressive external ophthalmoplegia (PEO) and are also associated with several mitochondrial depletion syndromes. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

Note: This product is for in vitro research use only