C10orf2 Antibody

Catalog No: #43023

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

Description

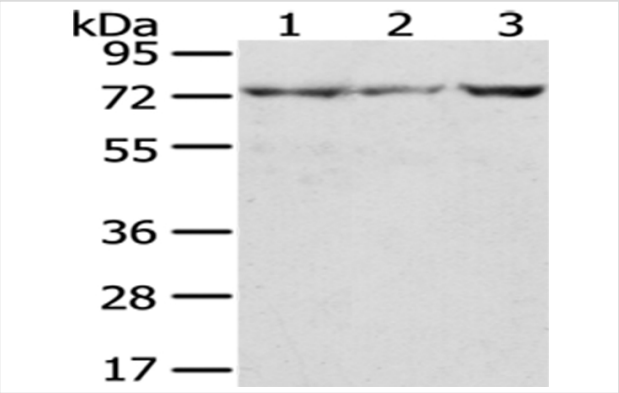
Product Name	C10orf2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total C10orf2 protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human C10orf2
Target Name	C10orf2
Other Names	PEO; PEO1; SCA8; ATXN8; IOSCA; PEOA3; SANDO; TWINL; MTDPS7; PRLTS5
Accession No.	Swiss-Prot#: Q96RR1Gene ID: 56652
Uniprot	Q96RR1
GeneID	56652;
Calculated MW	77kd
Concentration	1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

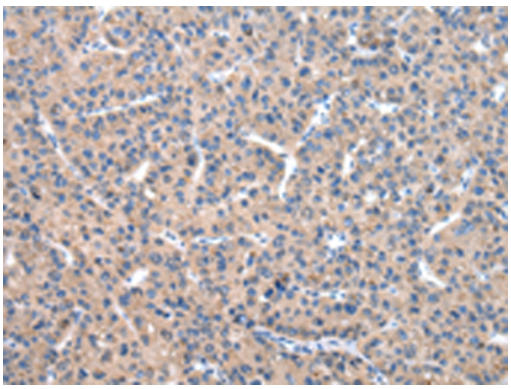
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

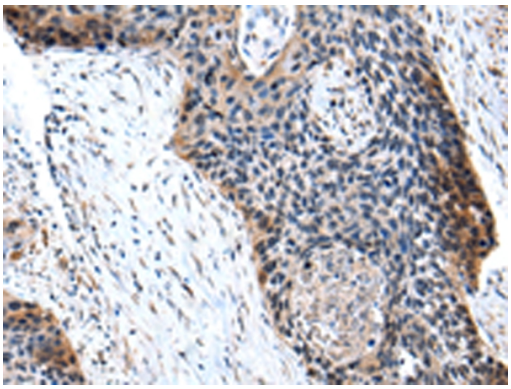
Images



Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane 1-3: K562, hela and Jurkat cell
Primary antibody: 1/400 dilution
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 20 seconds



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #43023 at dilution 1/20.



Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using #43023 at dilution 1/20.

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.

Note: This product is for in vitro research use only