

SUN5 Antibody

Catalog No: #43813

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

Description

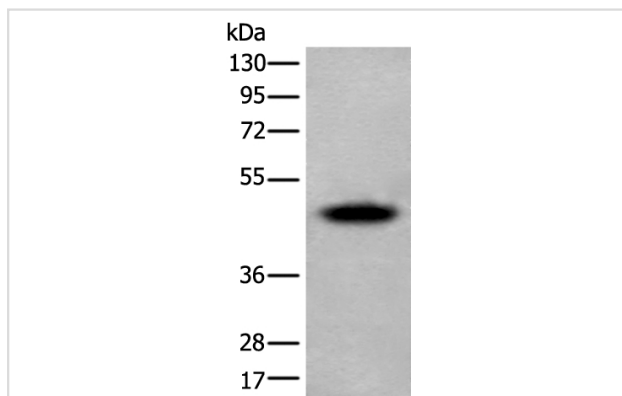
Product Name	SUN5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SUN5 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human SUN5
Target Name	SUN5
Other Names	SPAG4L; TSARG4; dJ726C3.1
Accession No.	Swiss-Prot#: Q8TC36NCBI Gene ID: 140732
Uniprot	Q8TC36
GeneID	140732;
Calculated MW	43kd
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1000

Immunohistochemistry: 1: 20-100

Images



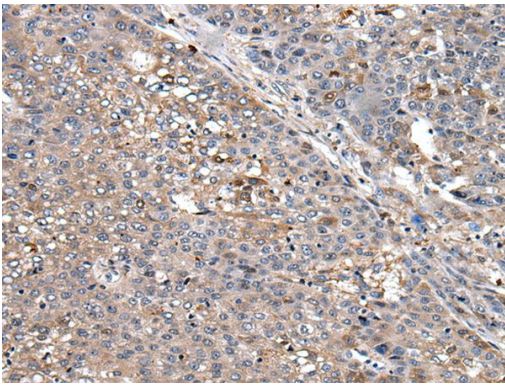
Gel: 8%SDS-PAGE

Lysate: 40 µg, Lane: Human left kidney cancer tissue lysate,

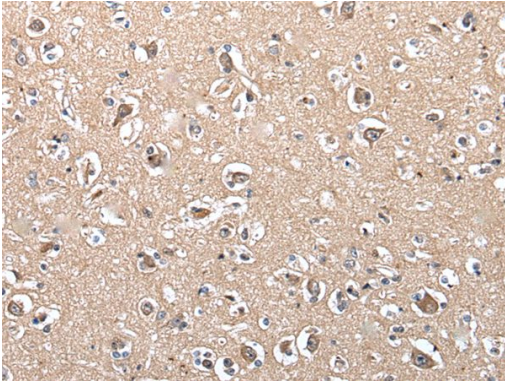
Primary antibody: SUN5 antibody at dilution 1/350,

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,

Exposure time: 2 minutes



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using SUN5 Antibody at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using SUN5 Antibody at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

TSARG4 (testis and spermatogenesis-related gene 4 protein), also known as SPAG4L (sperm-associated antigen 4-like protein) or SRG4 (spermatogenesis-related gene 4) in mice, is a ubiquitously expressed protein in humans but, in mice, it is specifically expressed in the testis. TSARG4 belongs to the spindle pole body family of proteins and contains one Unc84/SUN domain and a potential transmembrane region. The human TSARG4 protein shares 74% amino acid identity with its mouse counterpart. In mice, TSARG4 is found in round spermatids and spermatocytes and may participate in mitosis. It has been hypothesized that TSARG4 localizes to the nuclear envelope.

Note: This product is for in vitro research use only