CLPTM1 Antibody

Catalog No: #46517

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

Description

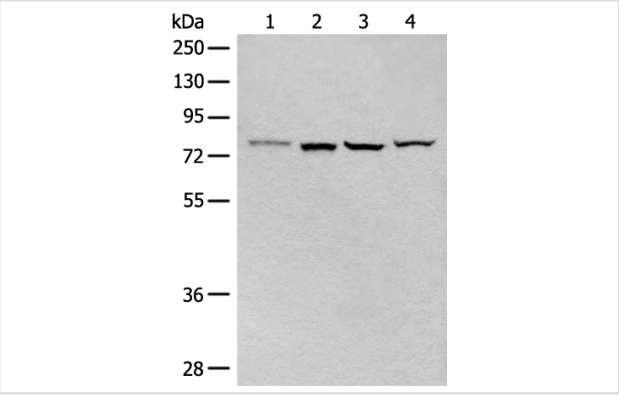
Product Name	CLPTM1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB IHC
Species Reactivity	Hu Rt
Specificity	The antibody detects endogenous levels of total CLPTM1 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic protein corresponding to residues near the C terminal of human CLPTM1
Target Name	CLPTM1
Accession No.	Swiss-Prot:O96005NCBI Gene ID:1209NCBI Protein:BC012359
Uniprot	O96005
GeneID	1209;
Calculated MW	76 kDa
Concentration	0.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

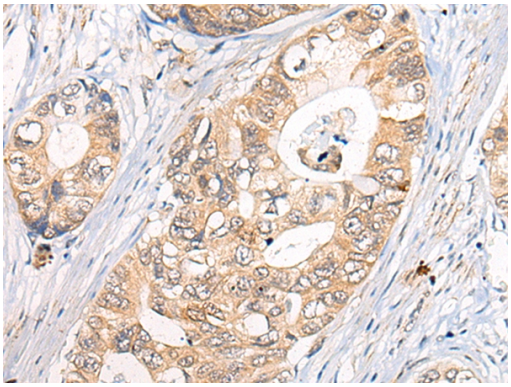
Western blotting: 1:200-1:1000

Immunohistochemistry: 1: 20-100

Images



Gel: 8%SDS-PAGE
lysate: 40 B¦Γ g, Lane 1-4: Rat brain tissueB£B¬Mouse kidney tissueB£B¬A172 and Hela cell lysates,
Primary antibody: 46517B£B¨CLPTM1 Antibody) at dilution 1/200
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,
Exposure time: 30 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using 46517(CLPTM1 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: x200)

Background

Clefts of the oral-facial region usually occur in early fetal development and can affect the lip, the soft palate (the soft tissue in the back of the mouth) and the hard palate (the roof of the mouth). Cleft lip (with or without cleft palate) is a genetically complex birth defect that occurs in approximately one in every 750-1,000 live births. This is one of the most common birth defects and is multifactorial, with both genetic and environmental causes. Cleft lip- and palate-associated transmembrane protein 1 (CLPTM1) belongs to a family of cleft lip and palate transmembrane proteins. This family also contains cisplatin resistance-related protein (CRR9), which is involved in CDDP-induced apoptosis. The CLPTM1 protein shows strong homology to two Caenorhabditis elegans genes.

Note: This product is for in vitro research use only