Product Datasheet

LZTFL1 Antibody

Catalog No: #36593

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

Description

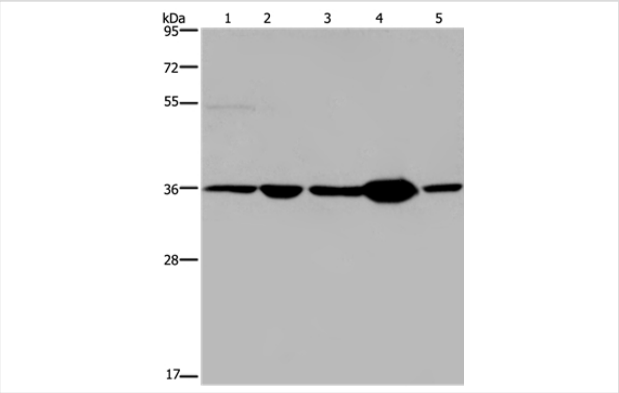
Product Name	LZTFL1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total LZTFL1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	LZTFL1
Other Names	BBS17
Accession No.	Swiss-Prot#: Q9NQ48NCBI Gene ID: 54585Gene Accssion: BC025988
Uniprot	Q9NQ48
GeneID	54585;
SDS-PAGE MW	35kd
Concentration	2.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

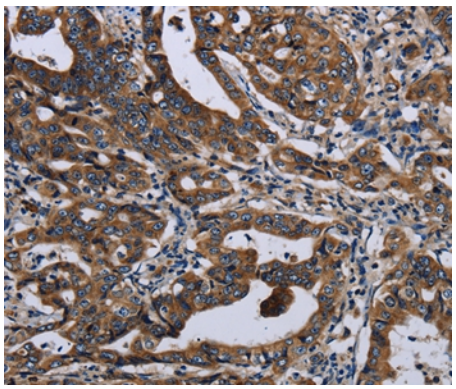
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

Images



Gel: 8%SDS-PAGE
Lysates (from left to right): Human transitional cell carcinoma tissue, 293T and A172 cell, human testis tissue and Hela cell
Amount of lysate: 40ug per lane
Primary antibody: 1/550 dilution
Secondary antibody dilution: 1/8000
Exposure time: 20 seconds



Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using #36593 at dilution 1/50.

Background

This gene encodes a ubiquitously expressed protein that localizes to the cytoplasm. This protein interacts with Bardet-Biedl Syndrome (BBS) proteins and, through its interaction with BBS protein complexes, regulates protein trafficking to the ciliary membrane. Nonsense mutations in this gene cause a form of Bardet-Biedl Syndrome; a ciliopathy characterized in part by polydactyly, obesity, cognitive impairment, hypogonadism, and kidney failure. This gene may also function as a tumor suppressor; possibly by interacting with E-cadherin and the actin cytoskeleton and thereby regulating the transition of epithelial cells to mesenchymal cells. Alternative splicing of this gene results in multiple transcript variants.

Note: This product is for in vitro research use only