LRTM2 Antibody

PACO62079

Description

This LRTM2 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	PACO62079
Contents:	50µl Bradford Reagent: 1 vial (2ml)
Category:	-
Synonyms:	Leucine-rich repeat and transmembrane domain-containing protein 2 antibody, Leucine-rich repeats and transmembrane domains 2 antibody, Lrtm2 antibody, LRTM2_HUMAN antibody
Clone:	Polyclonal
Applications:	ELISA WB IHC IF
Conjugation:	Non-conjugated
Reactivity:	Human, Rat

Antibody Data

Isotype:	IgG
Uniprot:	Q8N967
Host Species:	Rabbit
Purification:	>95%, Protein G purified
Immunogen:	Recombinant Human Leucine-rich repeat and transmembrane domain-containing protein 2 protein (36-310AA)
Immunogen Species:	Homo sapiens (Human)
Buffer:	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Form:	Liquid

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

Preparation & Storage

Storage: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Store Bradford Reagent at Room Temperature for 1 Year.

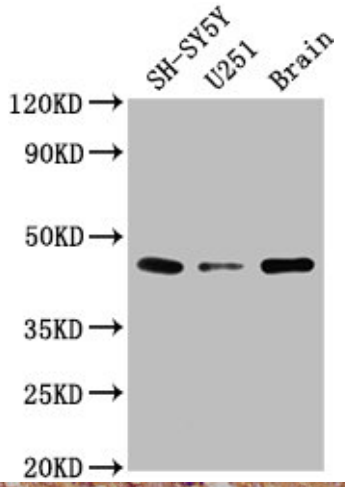
Recommended Dilutions:

Application	Recommended Dilution
WB	1:1000-1:5000
IHC	1:20-1:200
IF	1:50-1:200

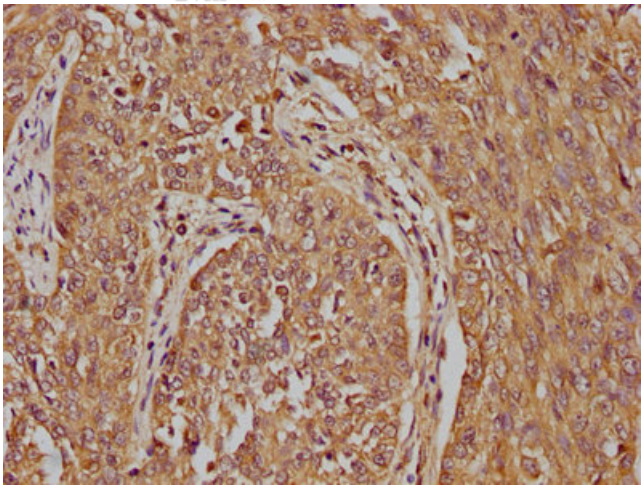
Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol

Validation Data

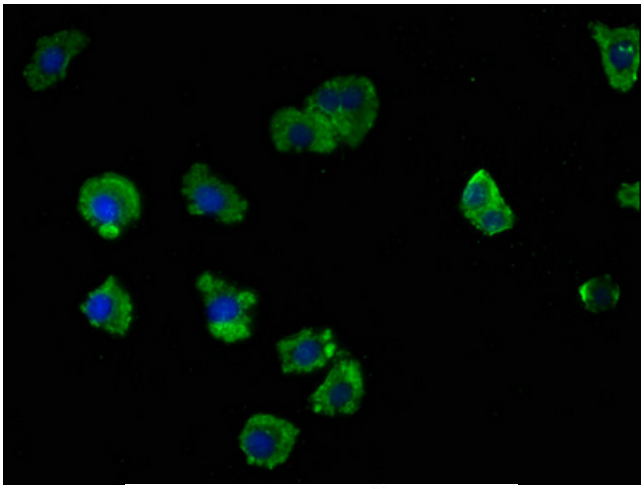
Image



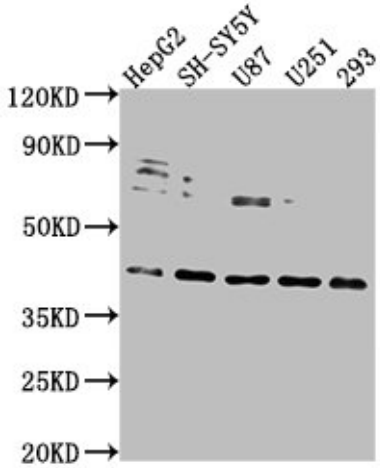
Description
Western Blot Positive WB detected in: SH-SY5Y whole cell lysate, U251 whole cell lysate, Rat brain tissue All lanes: LRTM2 antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 42 kDa Observed band size: 42 kDa



IHC image of PACO62079 diluted at 1:100 and staining in paraffin-embedded human cervical cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence staining of HepG2 cells with PACO62079 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blot Positive WB detected in: HepG2 whole cell lysate, SH-SY5Y whole cell lysate, U87 whole cell lysate, U251 whole cell lysate, 293 whole cell lysate All lanes: LRTM2 antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 42 kDa Observed band size: 42 kDa