

KD-Validated Anti-CLPTM1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

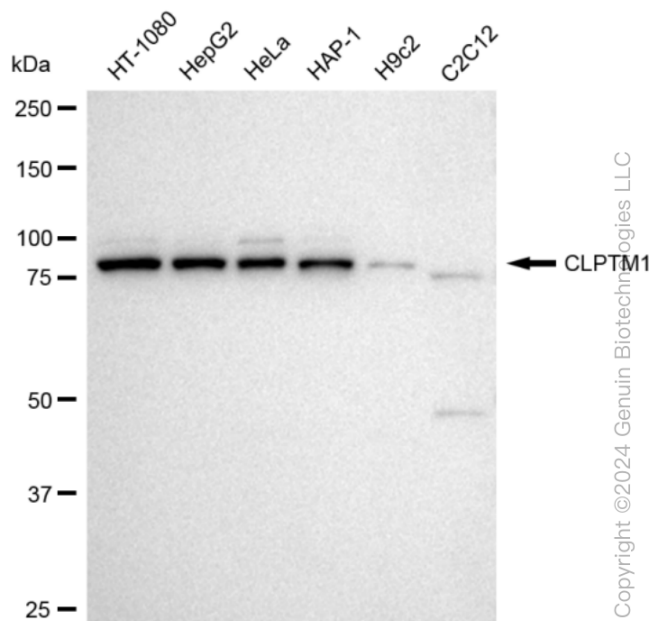
ABG1155

Product Overview

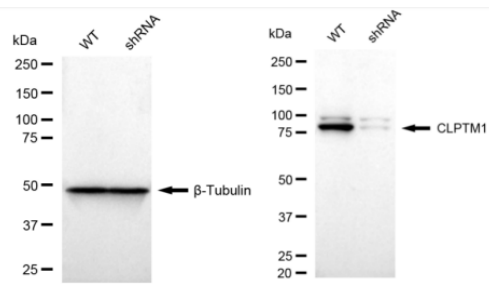
Name	KD-Validated Anti-CLPTM1 Rabbit Monoclonal Antibody
Accession(Primary)	O96005
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from CLPTM1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 76 kDa, observed, 90 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (O96005)

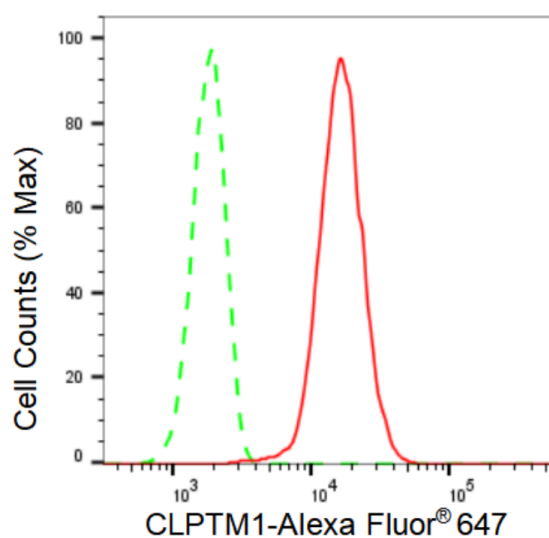
Gene Name	CLPTM1
About Gene Symbol	CLPTM1 (CLPTM1 Regulator Of GABA Type A Receptor Forward Trafficking) is a membrane receptor involved in vesicular trafficking. It is an important research target in cell signaling, drug discovery, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



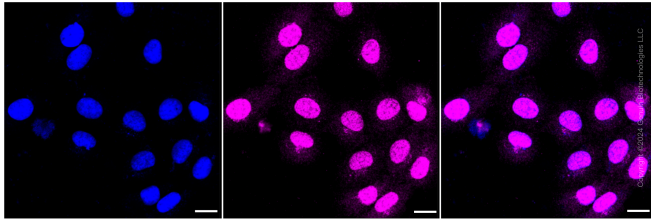
Western blotting analysis using anti-CLPTM1 antibody (Cat#ABG1155). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CLPTM1 antibody (Cat#ABG1155, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-CLPTM1 antibody (Cat#ABG1155). CLPTM1 expression in wild type (WT) and CLPTM1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-CLPTM1 antibody (Cat#ABG1155, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of CLPTM1 expression in HT-1080 cells using CLPTM1 antibody (Cat#ABG1155, 1:2,000). Green, isotype control; red, CLPTM1.



Immunocytochemical staining of HT-1080 cells with CLPTM1 antibody (Cat#ABG1155, 1:1,000). Nuclei were stained blue with DAPI; CLPTM1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.