

For Research Use Only

STBD1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87526-1-PBS



Basic Information

Catalog Number:

87526-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2481

GenBank Accession Number:

BC022301

GeneID (NCBI):

8987

UNIPROT ID:

O95210

Full Name:

starch binding domain 1

Calculated MW:

41 kDa

Observed MW:

35-43 kDa

Purification Method:

Protein A purification

CloneNo.:

252915D10

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

STBD1 may have the capability to bind to carbohydrates. It functions as a glycogen receptor that tethers glycogen to autophagic membranes for delivery and breakdown in lysosomes. STBD1 appears molecular mass of 35-38 kDa band in mouse/rat tissues and 38-43 kDa in human tissue.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

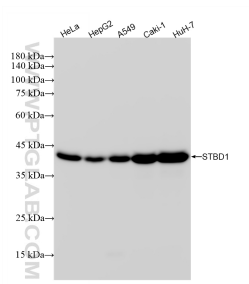
T: 4006900926

E: Proteintech-CN@ptglab.com

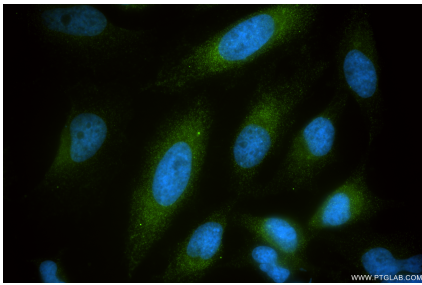
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

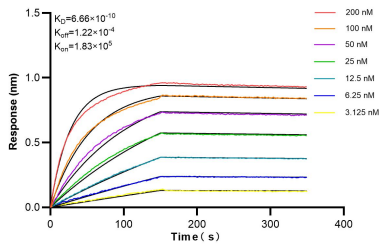
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87526-1-RR (STBD1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87526-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using STBD1 antibody (87526-1-RR, Clone: 252915D10) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 87526-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87526-1-RR against Human STBD1 were performed. The affinity constant is 0.666 nM.