

For Research Use Only

HSPA13 Recombinant antibody

Catalog Number: 84426-5-RR



Basic Information

Catalog Number:

84426-5-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3349

GenBank Accession Number:

BC036370

GeneID (NCBI):

6782

UNIPROT ID:

P48723

Full Name:

heat shock protein 70kDa family,
member 13

Calculated MW:

471 aa, 52 kDa

Observed MW:

60 kDa

Purification Method:

Protein A purification

CloneNo.:

241572E4

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293 cells, HeLa cells, K-562 cells, fetal human
brain tissue

Background Information

HSPA13 (Heat shock 70 kDa protein 13), also known as STCH (the stress 70 protein chaperone), is a member of the Hsp70 family of ATPase "stress" or "heat shock" proteins. Human STCH encodes a 60 kDa protein that is highly enriched in the ER. Recently it has been reported that overexpression of the HSPA13 gene reduces prion disease incubation time in mice.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

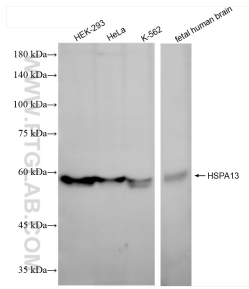
T: 4006900926

E: Proteintech-CN@ptglab.com

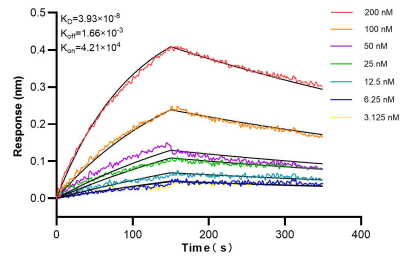
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84426-5-RR (HSPA13 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84426-5-RR against Human HSPA13 were performed. The affinity constant is 39.3 nM.