

For Research Use Only

HAS2 Recombinant antibody

Catalog Number: 83204-2-RR

Featured Product



Basic Information

Catalog Number:

83204-2-RR

Size:

100ul, Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34945

GenBank Accession Number:

BC069353

GeneID (NCBI):

3037

UNIPROT ID:

Q92819

Full Name:

hyaluronan synthase 2

Calculated MW:

552 aa, 64 kDa

Observed MW:

63-67 kDa

Purification Method:

Protein A purification

CloneNo.:

240061G4

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HEK-293 cells, HCT 116 cells, HT-29 cells, NIH/3T3 cells

Background Information

RII2 (Hyaluronan synthase 2) is a member of the gene family encoding the hyaluronan synthase 2, which can generate high-molecular-weight hyaluronan (HMW-HA) (PMID: 35069543). HAS2 is the most critical synthase in producing hyaluronan and is well known for its involvement in cancer growth, metabolism and metastasis (PMID: 36386154). HAS2 is involved in cellular acquired resistance to drug therapy in BrCa. HAS2 expression was decreased in the endocrine-resistant ER+BrCa cells.

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

*** 20ul sizes contain 0.1% BSA

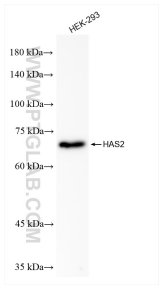
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

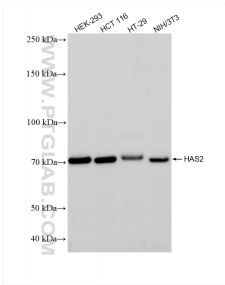
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



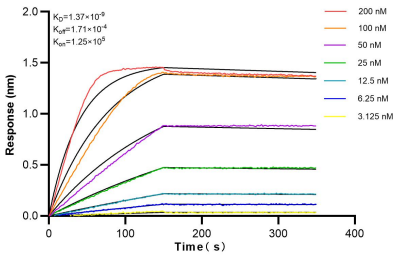
HEK-293 cells were subjected to SDS PAGE followed by western blot with 83204-2-RR (HAS2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 83204-2-RR (HAS2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



WB result of HAS2 antibody (83204-2-RR; 1:400; incubated at room temperature for 1.5 hours) with sh-Control and sh-HAS2 transfected HEK-293 cells.



Biolayer interferometry (BLI) kinetic assays of 83204-2-RR against Human HAS2 were performed. The affinity constant is 1.37 nM.