For Research Use Only

HAS2 Recombinant antibody

Catalog Number:83204-2-RR Featured Product

proteintech®
Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
83204-2-RR

Size:
1000 μg/ml

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

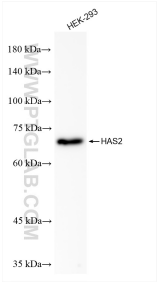
RIT2 (Hyaluronan synthase 2) is a member of the gene family encoding the hyaluronan synthase 2, which can generate high-molecular-weight hyaluronan (HMW-HA) (PMID: 35069543). HAS2 is the most critical synthase in producing hyaluronan and is well known for its involvement in cancer growth, metabolism 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

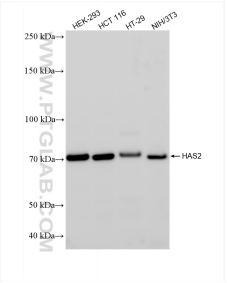
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

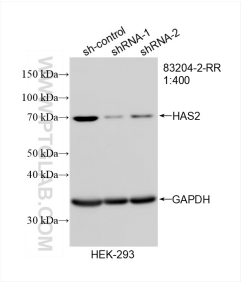
Selected Validation Data



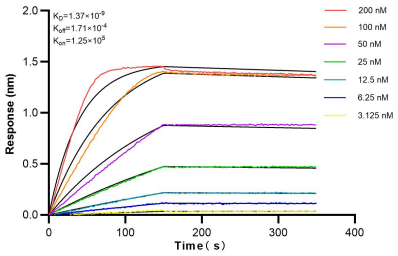
HEK-293 cells were subjected to SDS PAGE followed by western blot with 83204-2-RR (HAS2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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.