For Research Use Only

BAF170 Recombinant antibody

Catalog Number:86473-3-RR

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Basic Information

Catalog Number:
86473-3-RR

Concentration:
1000 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG2634

GenBank Accession Number:
BC013045

GeneID (NCBI):
6601

UNIPROT ID:
Q8TAQ2

Full Name:
SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 2

Calculated MW:
1214 aa, 132 kDa

Observed MW:
170 kDa

Purification Method:
Protein A purification

CloneNo.:
251330D11

Recommended Dilutions:
WB: 1:5000-1:50000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : LNCaP cells, A431 cells, HeLa cells, RAW 264.7 cells, C6 cells, NIH/3T3 cells, PC-12 cells

Background Information

BAF170, also named as SWI/SNF complex 170 kDa subunit or SMARCC2, is a 1214 amino acid protein, which belongs to the SMARCC family. BAF170 is ubiquitously expressed. BAF170 is involved in transcriptional activation and repression of select genes by chromatin remodeling. BAF170 may be required for CoREST dependent repression of neuronal specific gene promoters in non-neuronal cells. BAF170 belongs to the neural progenitors-specific chromatin remodeling complex (npBAF complex) and the neuron-specific chromatin remodeling complex (nBAF complex). The calcualted molecular weight of BAF170, is 133 kDa, but modified BAF170 is about 170 kDa. (PMID: 8804307)

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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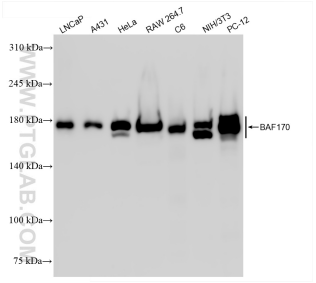
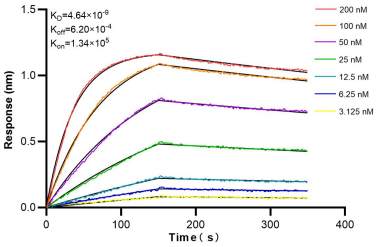
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86473-3-RR (BAF170 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86473-3-RR against Human BAF170 were performed. The affinity constant is 4.64 nM.