

For Research Use Only

HPCAL4 Polyclonal antibody

Catalog Number: 12470-1-AP



Basic Information

Catalog Number:

12470-1-AP

Size:

150ul , Concentration: 350 ug/ml by Nanodrop and 260 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3153

GenBank Accession Number:

BC030827

GeneID (NCBI):

51440

UNIPROT ID:

Q9UM19

Full Name:

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Calculated MW:

191 aa, 22 kDa

Observed MW:

22 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

Applications

Tested Applications:

WB, IP, IHC, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : fetal human brain tissue, human brain tissue, mouse brain tissue, rat brain tissue

IP : fetal human brain tissue,

IHC : human medulloblastoma tissue,

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

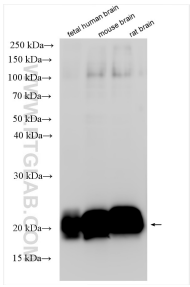
For technical support and original validation data for this product please contact:

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

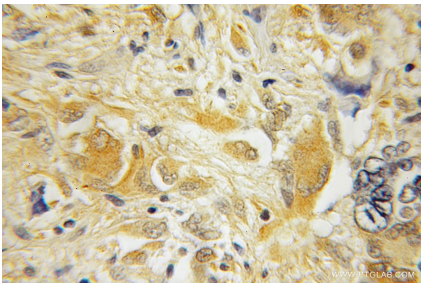
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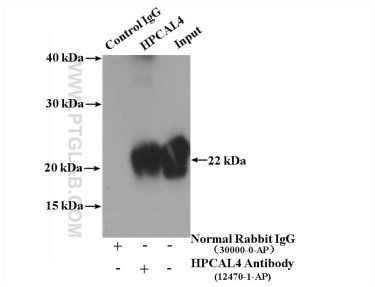
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12470-1-AP (HPCAL4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human medulloblastoma using 12470-1-AP (HPCAL4 antibody) at dilution of 1:100 (under 10x lens).



IP result of anti-HPCAL4 (IP:12470-1-AP, 4ug; Detection:12470-1-AP 1:700) with fetal human brain tissue lysate 3200 ug.