For Research Use Only

KLC2 Polyclonal antibody

Catalog Number:17668-1-AP 4 Publications

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Basic Information

Catalog Number:
17668-1-AP

Size:
150ul , Concentration: 900 μg/ml by Nanodrop and 433 μg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG11158

GenBank Accession Number:
BC034373

GeneID (NCBI):
64837

Full Name:
kinesin light chain 2

Calculated MW:
622 aa, 69 kDa

Observed MW:
67 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:1000-1:4000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:20-1:200

Applications

Tested Applications:
IHC, IP, WB,ELISA

Cited Applications:
IHC, WB

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse

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 : mouse testis tissue, mouse lung tissue

IP : mouse testis tissue,

IHC : human brain tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaolong Fu	34014435	Mol Neurobiol	WB
Amélie Robert	29944446	FASEB J	WB
M Wang	25668010	Br J Cancer	WB, IHC

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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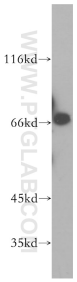
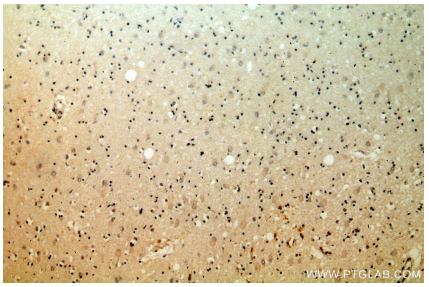
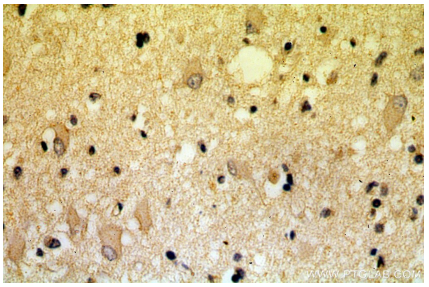
Selected Validation Data



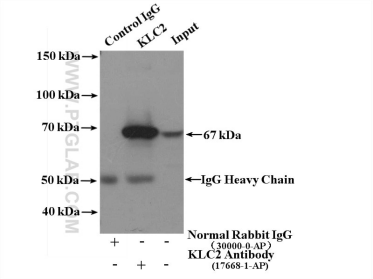
mouse testis tissue were subjected to SDS PAGE followed by western blot with 17668-1-AP (KLC2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain using 17668-1-AP (KLC2 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain using 17668-1-AP (KLC2 antibody) at dilution of 1:100 (under 40x lens).



IP Result of anti-KLC2 (IP:17668-1-AP, 4ug; Detection:17668-1-AP 1:800) with mouse testis tissue lysate 4400ug.