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AHNAK2 Rabbit pAb

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Catalog # AP59139

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q8IVF2
Reactivity	Rat, Mouse
Predicted	Dog, Human, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	616629
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human AHNAK2
Epitope Specificity	1201-1300/5795
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nuclear
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	AHNAK2 contains 1 PDZ (DHR) domain. There are 3 named isoforms of AHNAK2 produced by alternative splicing. AHNAK2 is a 600-kDa protein composed of a large number of highly conserved repeat segments. AHNAKs are a class of giant propeller-like proteins that associate with calcium channel proteins of cardiomyocytes and other cells.

Additional Information

Gene ID	113146
Other Names	Protein AHNAK2, AHNAK2, C14orf78, KIAA2019
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

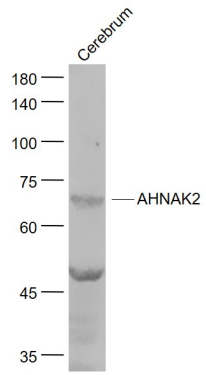
Name	AHNAK2
Synonyms	C14orf78, KIAA2019

Cellular Location Nucleus.

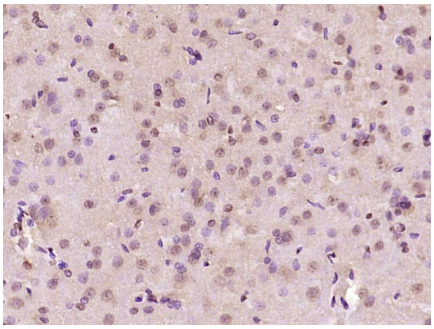
Background

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Images



Sample:
Cerebrum (Mouse) Lysate at 40 ug
Primary: Anti- AHNAK2 (AP59139) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 616 kD
Observed band size: 70 kD



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (AHNAK2) Polyclonal Antibody, Unconjugated (AP59139) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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