

AHNAK2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP59139

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q8IVF2
Reactivity	Rat, Dog, Bovine
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
SIMILARITY	Contains 1 PDZ (DHR) domain.
SUBUNIT	Interacts with DYSF; the interaction is direct and Ca(2+)-independent.
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.

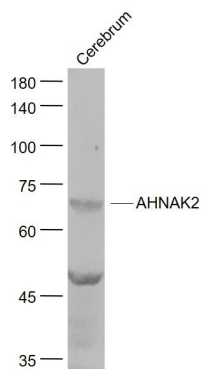
Additional Information

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=1:50-200,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
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.

Images



Sample:

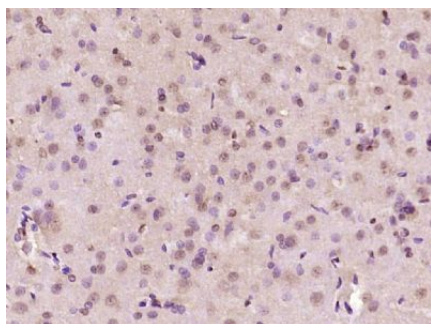
Cerebrum (Mouse) Lysate at 40 ug

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) instructions and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.