

AKIRIN1 Polyclonal Antibody

Catalog: BS65445 Host: Rabbit Reactivity: Hu-
man, Mouse, Rat, Dog, Horse, Sheep,

BackGround:

AKIRIN1 is dispensable in the mouse, and neither knockout mice nor cells derived from them have obvious distinctive phenotypes. In contrast, Akirin2 is required for development in the mouse and knockout of both Akirin homologs in mice show that Akirin2 is required downstream of toll-like receptor (TLR), TNF-alpha and IL-1beta signaling, and for the production of IL-6. Akirin2 is functionally closer to the single gene in Drosophila, as the homozygous null *D. melanogaster* Akirin mutants show a similar, mid-to-early embryonic death. The highly conserved, nuclear-localized AKIRIN1 and Akirin2 proteins critically regulate the transcription of NF-kB dependent genes and are required for defense against Gram-negative bacteria in the immune deficiency and NF-kB pathways.

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

22kDa

Swiss-Prot:

Q9H9L7

Purification&Purity:

affinity purified by Protein A

Applications:

IHC-P=1:100-500

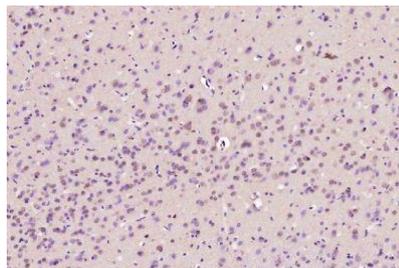
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

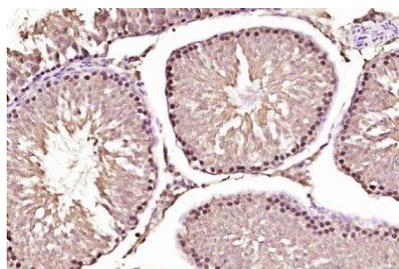
Specificity:

AKIRIN1 Polyclonal Antibody detects endogenous levels of AKIRIN1 protein.

DATA:



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 (AKIRIN1) Polyclonal Antibody, Unconjugated at 1:200 overnight at 4 °C.



Paraformaldehyde-fixed, paraffin embedded (rat testis); 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 (AKIRIN1) Polyclonal Antibody, Unconjugated at 1:200 overnight at 4 °C.

Note:

For research use only, not for use in diagnostic procedure.

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