Hivep3 Rabbit Polyclonal Antibody

Catalog No: #54665

Package Size: #54665-1 50ul #54665-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

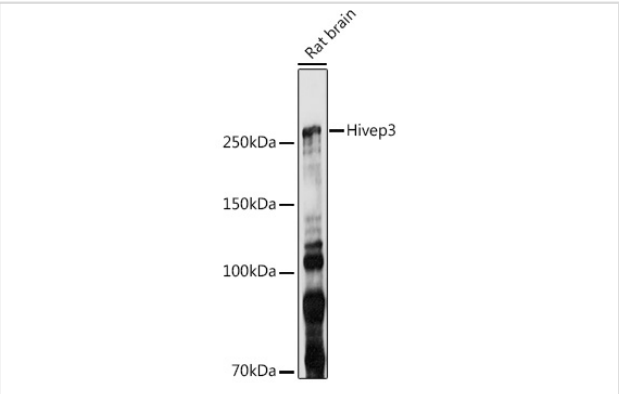
Product Name	Hivep3 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant protein of Mouse Hivep3.
Conjugates	Unconjugated
Other Names	Kr; Rc; Sh; Krc; KBP1; Shn3; Zas3; KBP-1; Schnu; AI848000; A130075N07; Schnurri-3; 2900056N03Rik; E030045D18Rik
Accession No.	Uniprot:A2A884GeneID:16656
Calculated MW	253kDa
SDS-PAGE MW	260KDa
Concentration	1mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

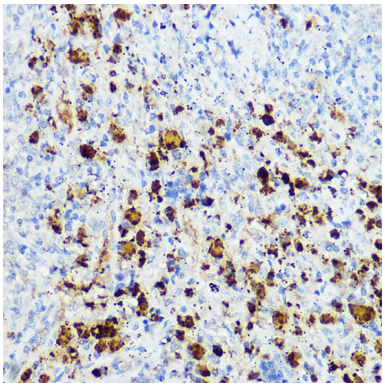
WB□1:500 - 1:2000

IHC□1:50 - 1:200

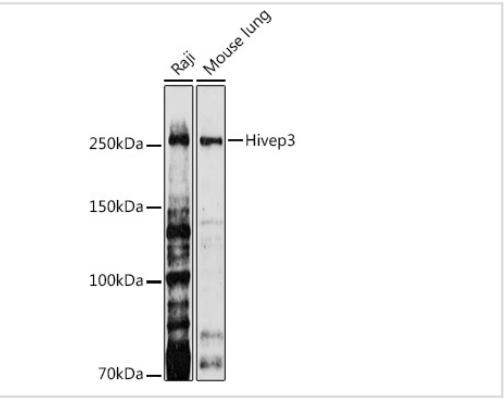
Images



Western blot analysis of extracts of Rat brain, using Hivep3 antibody.



Immunohistochemistry of paraffin-embedded mouse spleen using Hivep3 Rabbit pAb.



Western blot analysis of extracts of various cell lines, using Hivep3 antibody.

Background

Plays a role of transcription factor; binds to recognition signal sequences (Rss heptamer for somatic recombination of immunoglobulin and T-cell receptor gene segments; Binds also to the kappa-B motif of gene such as S100A4, involved in cell progression and differentiation. Kappa-B motif is a gene regulatory element found in promoters and enhancers of genes involved in immunity, inflammation, and growth and that responds to viral antigens, mitogens, and cytokines. Involvement of HIVEP3 in cell growth is strengthened by the fact that its down-regulation promotes cell cycle progression with ultimate formation of multinucleated giant cells. Strongly inhibits TNF-alpha-induced NF-kappa-B activation; Interferes with nuclear factor NF-kappa-B by several mechanisms: as transcription factor, by competing for Kappa-B motif and by repressing transcription in the nucleus; through a non transcriptional process, by inhibiting nuclear translocation of RELA by association with TRAF2, an adapter molecule in the tumor necrosis factor signaling, which blocks the formation of IKK complex. Interaction with TRAF proteins inhibits both NF-Kappa-B-mediated and c-Jun N-terminal kinase/JNK-mediated responses that include apoptosis and proinflammatory cytokine gene expression. Positively regulates the expression of IL2 in T-cell. Essential regulator of adult bone formation.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.