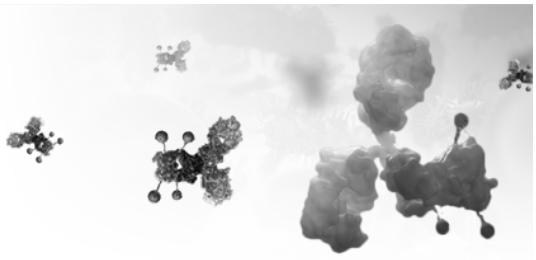

Anti-HIVEP3 (aa 560-707) polyclonal antibody (DPABH-15913)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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; Trough 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.
Immunogen	antigen sequence, corresponding to amino acids 560-707 of Human HIVEP3.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P

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Format	Liquid
Size	100 µl
Buffer	pH: 7.20; Constituents: 59% PBS, 40% Glycerol
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	HIVEP3 human immunodeficiency virus type I enhancer binding protein 4 [Homo sapiens]
Official Symbol	HIVEP3
Synonyms	HIVEP3; human immunodeficiency virus type I enhancer binding protein 3; KRC; KBP1; SHN3; ZAS3; KBP-1; ZNF40C; Schnurri-3; transcription factor HIVEP3; ZAS family, member 3; kappa-binding protein 1; zinc finger protein ZAS3; kappa-B and V(D)J recombination signal sequences-binding protein;
Entrez Gene ID	59269
Protein Refseq	NP_001121186.1
UniProt ID	Q5T1R4
Pathway	Delta-Notch Signaling Pathway.
Function	DNA binding; metal ion binding;

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