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Upstream Binding Protein 1 Rabbit pAb

Catalog # AP96201

Product Information

Application	WB
Primary Accession	Q86Y57
Other Accession	Q86Y57
Reactivity	Mouse
Predicted	Rat, Pig, Human, Chicken, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	60 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Upstream Binding Protein 1
Epitope Specificity	351-450/540
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	Nucleus.
SIMILARITY	Belongs to the grh/CP2 family. CP2 subfamily.
SUBUNIT	Interacts with TFCP2. Interacts with PIAS1, and is probably part of a complex containing TFCP2, UBP1 and PIAS1.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Functions as a transcriptional activator in a promoter context-dependent manner. Modulates the placental expression of CYP11A1. Involved in regulation of the alpha-globin gene in erythroid cells. Activation of the alpha-globin promoter in erythroid cells is via synergistic interaction with TFCP2 (By similarity). Involved in regulation of the alpha-globin gene in erythroid cells. Binds strongly to sequences around the HIV-1 initiation site and weakly over the TATA-box. Represses HIV-1 transcription by inhibiting the binding of TFIID to the TATA-box.

Additional Information

Gene ID	7342
Other Names	LBP-1B; LBP-1a; LBP1A; LBP1B; Cp2b; NF2d9; RGD1564700; Q86Y57_HUMAN; UBIP1_HUMAN; UBP1; Transcription factor LBP-1; LBP1; Q60786_MOUSE; UBIP1_MOUSE; Nuclear factor 2d9 (NF2d9); Q8BH21_MOUSE; upstream binding protein 1
Target/Specificity	Expressed in adrenal tissue, JEG-3, NCI-H295A, HepG2 and HeLa cell lines.
Dilution	WB=1:500-2000

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	Upstream Binding Protein 1 Rabbit pAb
Function	UBP1 is an important SF1 independent transcriptional activator stimulating P450scc expression in human placental JEG 3 cells.

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