

KLF12 Rabbit pAb

Catalog # AP99458

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9Y4X4
Other Accession	Q9Y4X4
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44240
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KLF12
Epitope Specificity	301-402/402
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the Sp1 C2H2-type zinc-finger protein family. Contains 3 C2H2-type zinc fingers.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Activator protein-2 alpha (AP-2 alpha) is a developmentally-regulated transcription factor and important regulator of gene expression during vertebrate development and carcinogenesis. The protein encoded by this gene is a member of the Kruppel-like zinc finger protein family and can repress expression of the AP-2 alpha gene by binding to a specific site in the AP-2 alpha gene promoter. Repression by the encoded protein requires binding with a corepressor, CtBP1. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	11278
Other Names	AP-2rep; AP2REP; HSPC122; KLF12_HUMAN; KLF12; Transcriptional repressor AP-2rep; KLF transcription factor 12; Kruppel like factor 12; KLF12 zinc finger transcriptional repressor; AP-2rep transcription factor; AP-2 repressor
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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	KLF12
Synonyms	AP2REP
Function	Confers strong transcriptional repression to the AP-2-alpha gene. Binds to a regulatory element (A32) in the AP-2-alpha gene promoter.
Cellular Location	Nucleus.

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