10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

KLF8 Rabbit pAb

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Catalog # AP58084

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	O95600
Reactivity	Mouse
Predicted	Rat, Pig, Dog, Human, Rabbit, Chicken, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39314
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KLF8
Epitope Specificity	261-317 /359
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.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	KLF8 is a transcriptional repressor and activator. It also binds the GT-box of cyclin D1 promoter and mediates cell cycle progression at G phase as a downstream target of focal adhesion kinase (FAK). Ubiquitously expressed. Kruppel-like factor proteins all contain a characteristic C-terminal DNA binding domain containing 3 Kruppel-like zinc fingers, and they all recognize CACCC and GC boxes present in promoters and enhancers.

Additional Information

Gene ID	11279
Other Names	Krueppel-like factor 8, Basic krueppel-like factor 3, Zinc finger protein 741, KLF8, BKLF3, ZNF741
Dilution	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

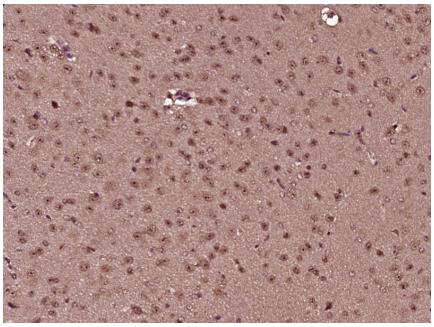
Name	KLF8

Synonyms	BKLF3, ZNF741
Function	Transcriptional repressor and activator. Binds to CACCC-boxes promoter elements. Also binds the GT-box of cyclin D1 promoter and mediates cell cycle progression at G(1) phase as a downstream target of focal adhesion kinase (FAK).
Cellular Location	Nucleus.
Tissue Location	Ubiquitous..

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (Mouse 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 (KLF8) Polyclonal Antibody, Unconjugated (AP58084) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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