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

phospho-KLF5 (Ser311) Rabbit pAb

Catalog # AP99763

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q13887
Other Accession	Q13887
Reactivity	Rat, Human, Mouse
Predicted	Pig, Rabbit, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50792
Physical State	Liquid
Immunogen	KLH conjugated synthesised phosphopeptide derived from human KLF5 around the phosphorylation site of Ser311
Epitope Specificity	PG(p-S)PD
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 krueppel C2H2-type zinc-finger protein family. Contains 3 C2H2-type zinc fingers.
SUBUNIT	Interacts with WWP1.
Post-translational modifications	Ubiquitinated. Polyubiquitination involves WWP1 and leads to proteasomal degradation of this protein.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the Kruppel-like factor subfamily of zinc finger proteins. Since the protein localizes to the nucleus and binds the epidermal growth factor response element, it is thought to be a transcription factor. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	688
Other Names	BTEB2; CKLF; IKLF; 4930520J07Rik; KLF5_HUMAN; KLF5; Basic transcription element-binding protein 2 (BTE-binding protein 2); Colon krueppel-like factor; GC-box-binding protein 2; Intestinal-enriched krueppel-like factor; Transcription factor BTEB2; KLF5_MOUSE; KLF transcription factor 5; Kruppel-like factor 5 (intestinal); Kruppel like factor 5; intestinal Kruppel-like factor; KLF5 (phospho-S311); p-KLF5; phospho-KLF5; KLF5 (phospho-Ser311)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=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	KLF5
Synonyms	BTEB2, CKLF, IKLF
Function	Transcription factor that binds to GC box promoter elements. Activates the transcription of these genes.
Cellular Location	Nucleus.
Tissue Location	Expressed only in testis and placenta.

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