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

BLCAP Rabbit pAb

BLCAP Rabbit pAb
Catalog # AP57103

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P62952
Predicted	Rat, Pig, Human, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	9876
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human BLCAP
Epitope Specificity	41-87/87
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	Membrane.
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 tumor suppressor protein that reduces cell growth by stimulating apoptosis. The first intron of this gene contains the neuronatin gene, which is imprinted and only expressed from the paternal allele. This gene is imprinted in brain where it is differentially expressed from different promoters. Transcription from the upstream promoter occurs preferentially on the maternal allele, and transcripts are preferentially expressed from the downstream promoter on the paternal allele. Alternative promoters and alternative splicing result in multiple transcript variants that encode the same protein.[provided by RefSeq, Nov 2009]

Additional Information

Gene ID	10904
Other Names	Apoptosis inducing factor BLCAP, Bladder cancer 10 kDa protein, Bc10, Bladder cancer-associated protein, BLCAP, BC10
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	BLCAP
Synonyms	BC10
Function	Acts as a tumor suppressor; induces growth arrest at G(1)/S checkpoint and apoptosis via RB1-dependent and p53/TP53- and NF-kappa- B-independent mechanisms (PubMed:16675915, PubMed:17031575, PubMed:21844121, PubMed:26986503). Modulates expression of genes involved in the regulation of proliferation, cell cycle and apoptosis (PubMed:17031575, PubMed:21844121, PubMed:26986503).
Cellular Location	Cytoplasm. Nucleus. Membrane; Multi-pass membrane protein
Tissue Location	Cervical tissues (at protein level) (PubMed:22969892). Urothelium (at protein level) (PubMed:19783793, PubMed:29190807). Endothelial cells of urinary bladder vessels (at protein level) (PubMed:19783793). Urinary bladder stromal cells (at protein level) (PubMed:19783793). Cervical tissues (PubMed:16675915) Kidney (PubMed:11072240). Ubiquitous (PubMed:19908260)

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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