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Anti-BLCAP Antibody

Catalog # AP54023

Product Information

Application	WB, IF/IC
Primary Accession	P62952
Reactivity	Human, Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	9876

Additional Information

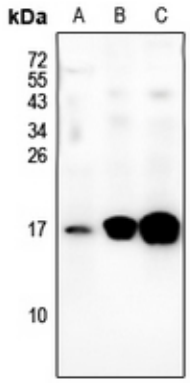
Gene ID	10904
Other Names	BC10; Bladder cancer-associated protein; Bladder cancer 10 kDa protein; Bc10
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human BLCAP. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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)

Images



Western blot analysis of BLCAP expression in mouse kidney (A), MCF7 (B), HEK293T (C) whole cell lysates. (Predicted band size: 9 kD; Observed band size: 17 kD)



Immunofluorescent analysis of BLCAP staining in NIH3T3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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