

LRRC26 Rabbit pAb

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Catalog # AP57067

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q2IOM4
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34857
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LRRC26
Epitope Specificity	201-300/334
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. Cytoplasm; cytoskeleton. Although predicted to be a single-pass type I membrane protein, this protein localizes to the cytoplasm when expressed at high levels.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	LRRC26 is a 334 amino acid protein that localizes to the cytoplasm and contains six LRR repeats. Expressed at high levels in normal colon, pancreas, prostate, salivary gland and intestine, LRRC26 is also present in several cancer cell lines, including colon cancer and pancreatic cancer, suggesting an important role in carcinogenesis.

Additional Information

Gene ID	389816
Other Names	Leucine-rich repeat-containing protein 26, BK channel auxiliary gamma subunit LRRC26, Cytokeratin-associated protein in cancer, LRRC26, CAPC
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

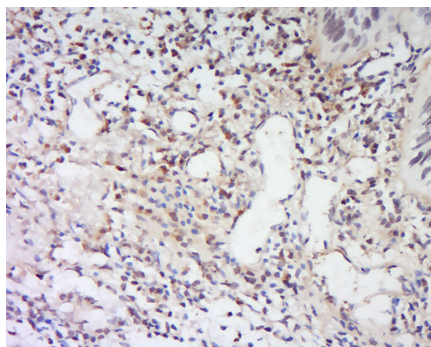
Name	LRRC26
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Synonyms	CAPC
Function	Auxiliary protein of the large-conductance, voltage and calcium-activated potassium channel (BK alpha). Required for the conversion of BK alpha channels from a high-voltage to a low-voltage activated channel type in non-excitabile cells. These are characterized by negative membrane voltages and constant low levels of calcium.
Cellular Location	Cell membrane; Single-pass type I membrane protein. Cytoplasm, cytoskeleton. Note=Localizes to the cytoplasm when expressed at high levels.
Tissue Location	Isoform 1 is expressed highly in normal prostate and salivary gland, very weakly in colon, pancreas, and intestine, and not at all in other tissues. Isoform 1 is expressed highly in many cancer cell lines and in breast cancer, pancreatic cancer and colon cancer. Isoform 2 is expressed in cancer cell lines

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Images



Tissue/cell: human laryngo carcinoma; 4%
 Paraformaldehyde-fixed and paraffin-embedded;
 Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling
 bathing for 15min; Block endogenous peroxidase by 3%
 Hydrogen peroxide for 30min; Blocking buffer (normal
 goat serum,C-0005) at 37°C for 20 min;
 Incubation: Anti-LRRC26 Polyclonal Antibody,
 Unconjugated(AP57067) 1:200, overnight at 4°C, followed
 by conjugation to the secondary antibody(SP-0023) and
 DAB(C-0010) staining

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