

LRRC26 antibody - middle region

Rabbit Polyclonal Antibody Catalog # Al12474

Specification

LRRC26 antibody - middle region - Product Information

Application WB
Primary Accession Q210M4

Other Accession <u>NM 001013653</u>, <u>NP 001013675</u>

Reactivity Human, Horse, Bovine, Guinea Pig, Dog

Predicted Bovine, Dog
Host Rabbit
Clonality Polyclonal
Calculated MW 37kDa KDa

LRRC26 antibody - middle region - Additional Information

Gene ID 389816

Alias Symbol bA350014.10, CAPC

Other Names

Leucine-rich repeat-containing protein 26, BK channel auxiliary gamma subunit LRRC26, Cytokeratin-associated protein in cancer, LRRC26, CAPC

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-LRRC26 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

LRRC26 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

LRRC26 antibody - middle region - Protein Information

Name LRRC26

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-excitable cells. These are characterized by negative membrane voltages and constant low levels of calcium.

Cellular Location



Tel: 858.875.1900 Fax: 858.875.1999

Cell membrane; Single-pass type I membrane protein. Cytoplasm, cytoskeleton. Note=Localizes to the cytoplasm when expressed at high levels.

Tissue Location

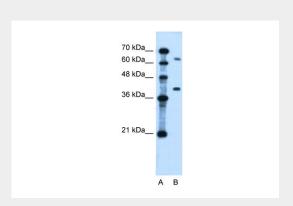
Isoform 1 is expressed highly in normal prostate and salivary gland, very weakly in colon, pancreas, and intestine, and not at all in other tissues. Isoform 1 is expressed highly in many cancer cell lines and in breast cancer, pancreatic cancer and colon cancer. Isoform 2 is expressed in cancer cell lines

LRRC26 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LRRC26 antibody - middle region - Images



WB Suggested Anti-LRRC26 Antibody Titration: 0.2-1 µg/ml Positive Control: Jurkat cell lysate

LRRC26 antibody - middle region - References

Egland, K.A., (2006) Proc. Natl. Acad. Sci. U.S.A. 103(15), 5929-5934 Reconstitution and Storage: For short te rmuse, storeat 2-8 Cupto 1 week. For long terms to rage, storeat-20 Cinsmall aliquots to prevent freeze-thaw c ycles.