

LRRC26 (V-19): sc-102015

BACKGROUND

The leucine-rich repeat (LRR) is a 20-30 amino acid motif that forms a hydrophobic α/β horseshoe fold, allowing it to accommodate several leucine residues within a tightly packed core. All LRR repeats contain a variable segment and a highly conserved segment, the latter of which accounts for 11 or 12 residues of the entire LRR motif. LRRC26 (leucine-rich repeat-containing protein 26), also known as CAPC (cytokeratin-associated protein), 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.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: LRRC26 (human) mapping to 9q34.3.

SOURCE

LRRC26 (V-19) is a purified rabbit polyclonal antibody raised against LRRC26 of human origin.

PRODUCT

Each vial contains 50 μ g IgG in 500 μ l PBS with < 0.1% sodium azide, 0.1% gelatin and < 0.02% sucrose.

STORAGE

Store at 4° C, ****DO NOT FREEZE****. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

APPLICATIONS

LRRC26 (V-19) is recommended for detection of LRRC26 of human and canine origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 μ g per 100-500 μ g of total protein (1 ml of cell lysate)] and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

Suitable for use as control antibody for LRRC26 siRNA (h): sc-92516, LRRC26 shRNA Plasmid (h): sc-92516-SH and LRRC26 shRNA (h) Lentiviral Particles: sc-92516-V.

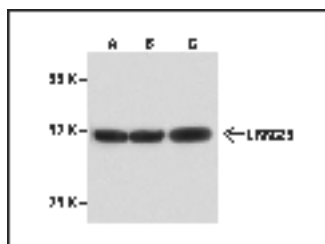
Molecular Weight of LRRC26: 37 kDa.

Positive Controls: Jurkat whole cell lysate: sc-2204 or HeLa nuclear extract: sc-2120.

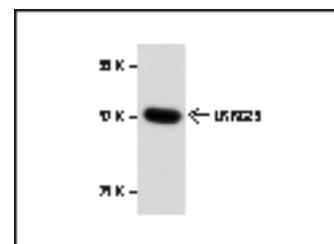
RECOMMENDED SECONDARY REAGENTS

To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western Blotting: use goat anti-rabbit IgG-HRP: sc-2004 (dilution range: 1:2000-1:100,000) or Cruz Marker™ compatible goat anti-rabbit IgG-HRP: sc-2030 (dilution range: 1:2000-1:5000), Cruz Marker™ Molecular Weight Standards: sc-2035, TBS Blotto A Blocking Reagent: sc-2333 and Western Blotting Luminol Reagent: sc-2048. 2) Immunoprecipitation: use Protein A/G PLUS-Agarose: sc-2003 (0.5 ml agarose/2.0 ml).

DATA



LRRC26 (V-19): sc-102015. Western blot analysis of LRRC26 expression in Jurkat (A), HeLa (B) and K562 (C) whole cell lysates.



LRRC26 (V-19): sc-102015. Western blot analysis of LRRC26 expression in 293T whole cell lysates.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com or our catalog for detailed protocols and support products.