

LRRC23 Antibody

Catalog No: #43748

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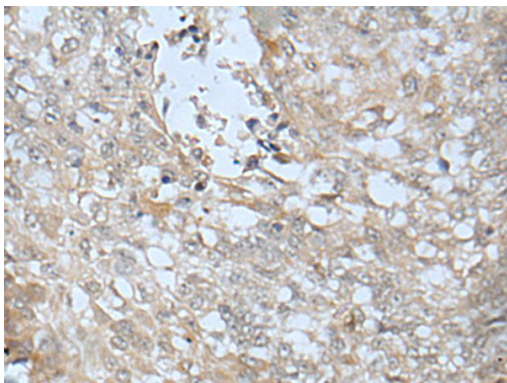
Description

Product Name	LRRC23 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total LRRC23 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human LRRC23
Target Name	LRRC23
Other Names	LRPB7
Accession No.	Swiss-Prot#: Q53EV4NCBI Gene ID: 10233
Uniprot	Q53EV4
GeneID	10233;
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1: 20-100

Images



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using LRRC23 Antibody at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

The leucine-rich (LRR) repeat is a 20-30 amino acid motif that forms a hydrophobic β -sheet 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. The primary function of these motifs is to provide a versatile structural framework to mediate the formation of protein-protein interactions. LRRs are present in a variety of proteins with diverse structure and function, including innate immunity and nervous

system development. Several human diseases are associated with mutations in genes encoding LRR-containing proteins. LRRC23 (leucine-rich repeat-containing protein 23), also known as leucine-rich protein B7, is a 343 amino acid protein that contains eight LRR (leucine-rich) repeats and one LRRCT domain. LRRC23 exists as two alternatively spliced isoforms and is encoded by a gene mapping to chromosome 12.

Note: This product is for in vitro research use only