

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human LRRC3 in direct ELISAs and Western blots. In direct ELISAs, approximately 5% cross-reactivity with recombinant human LRRC4 is observed.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant human LRRC3 Cys33-Asp204 Accession # Q9BY71
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

LRRC3 (Leu-rich repeat/LRR-containing protein 3) is a 25 kDa (predicted) member of the Leu-rich repeat protein superfamily. Little is known about the protein except for the fact that it shows widespread expression. Human LRRC3 is a protein that is 225 amino acids (aa) in length. It contains three LRRs between aa 63-86, aa 87-110 and aa 112-135. There is one potential splice variant that shows a deletion of aa 129-248. Over aa 33-204, human LRRC3 is 83% and 81% aa identical to mouse and canine LRRC3, respectively.

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