

## DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human LRRC3 in direct ELISAs and Western blots. In direct ELISAs, approximately 5% cross-reactivity with recombinant human LRRC4 is observed.
<b>Source</b>	Polyclonal Sheep IgG
<b>Purification</b>	Antigen Affinity-purified
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human LRRC3 Cys33-Asp204 Accession # Q9BY71
<b>Conjugate</b>	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
<b>Formulation</b>	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.

<b>Western Blot</b>	Optimal dilution of this antibody should be experimentally determined.
<b>Immunohistochemistry</b>	Optimal dilution of this antibody should be experimentally determined.

## PREPARATION AND STORAGE

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	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.

## PRODUCT SPECIFIC NOTICES

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