

Anti-NRROS Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human,Rabbit)
Molecular Weight:	Theoretical: 74 kDa. Actual: 74 kDa.
Purification:	Protein A purified

Applications

1. Sample:

Bone (Rat) Cell Lysate at 40 µg

Thymus (Rat) Cell Lysate at 40 µg

Primary: Anti-LRRC33 (TMAB-01272) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

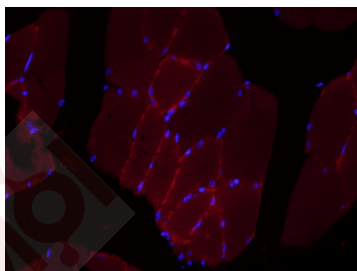
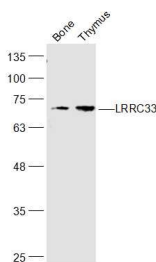
Predicted band size: 74 kDa

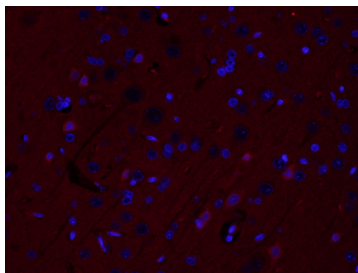
Observed band size: 74 kDa

Verified Activity:

2. Paraformaldehyde-fixed, paraffin embedded (Mouse skeletal muscle); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (LRRC33) Polyclonal Antibody, Unconjugated (TMAB-01272) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody for 90 minutes, and DAPI for nucleus staining.

3. Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (LRRC33) Polyclonal Antibody, Unconjugated (TMAB-01272) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody for 90 minutes, and DAPI for nucleus staining.





Application: IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human LRR33

Antigen Species: Human

Gene ID: 375387

Uniprot ID: Q86YC3

Synonyms: NRROS;Negative regulator of reactive oxygen species;Transforming growth factor beta activator LRR33;LRR33;Leucine-rich repeat-containing protein 33

Research Background

LRR33 is a 692 amino acid protein that contains 17 LRR repeats. The gene encoding LRR33 maps to chromosome 3, which encodes over 1,100 genes. Particular regions of the chromosome 3 short arm are deleted in many types of cancer cells. Marfan syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth disease are a few of the numerous genetic diseases associated with chromosome 3.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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