UK Office

Everest Biotech Ltd
Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:
info@everestbiotech.com
Sales:
sales@everestbiotech.com
Tech support:
support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

EB12749 - Goat Anti-dysferlin Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: DYSF, dysferlin, limb girdle muscular dystrophy 2B (autosomal recessive), FER1L1, LGMD2B, MMD1, dysferlin, dystrophy-associated fer-1-like 1, dystrophy-associated fer-1-like protein, fer-1-like protein 1
Official Symbol: DYSF
Accession Number(s): NP_001124459.1; NP_001123927.1; NP_001124458.1; NP_001124457.1; NP_001124456.1; NP_001124455.1; NP_001124454.1; NP_003485.1; NP_001124448.1; NP_001124449.1; NP_001124450.1; NP_001124451.1; NP_001124452.1; NP_001124453.1
Human GeneID(s): 8291
Non-Human GeneID(s): 312492 (rat)
Important Comments: This antibody is expected to recognize all 14 reported isoforms.

Immunogen

Peptide with sequence HLFCQQHRVKAP, from the internal region of the protein sequence according to NP_001124459.1; NP_001123927.1; NP_001124458.1; NP_001124457.1; NP_001124456.1; NP_001124455.1; NP_001124454.1; NP_003485.1; NP_001124448.1; NP_001124449.1; NP_001124450.1; NP_001124451.1; NP_001124452.1; NP_001124453.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.
Western blot: Preliminary experiments in Human and rodent Heart and Skeletal Muscle lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml).

Species Reactivity

Tested:
Expected from sequence similarity: Human, Rat, Pig, Cow