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Research Use Only. Not for diagnostic or therapeutic use.

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 GenelD(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