

CAB4109

Product Information

|              |         |               |        |             |                 |
|--------------|---------|---------------|--------|-------------|-----------------|
| Product SKU: | CAB4109 | Gene ID:      | 6442   | Size:       | 20uL, 100uL     |
| Clone No:    | -       | Host Species: | Rabbit | Reactivity: | Human,Mouse,Rat |

Additional Information

|                |       |            |              |
|----------------|-------|------------|--------------|
| Observed MW:   | 43kDa | Conjugate: | Unconjugated |
| Calculated MW: | 43kDa | Isotype:   | IgG          |

Immunogen Information

**Background:** This gene encodes a component of the dystrophin-glycoprotein complex (DGC), which is critical to the stability of muscle fiber membranes and to the linking of the actin cytoskeleton to the extracellular matrix. Its expression is thought to be restricted to striated muscle. Mutations in this gene result in type 2D autosomal recessive limb-girdle muscular dystrophy. Multiple transcript variants encoding different isoforms have been found for this gene.

|                       |   |
|-----------------------|---|
| Recommended Dilution: | WB,1:500 - 1:2000 IF/ICC,1:50 - 1:200   |
| Synonyms:             | ADL; DAG2; 50DAG; DMDA2; LGMD2D; LGMDR3; SCARMD1; adhalin; alpha Sarcoglycan (SGCA)   |
| Purification Method:  | Affinity purification   |
| Immunogen:            | Recombinant fusion protein containing a sequence corresponding to amino acids 60-290 of human alpha Sarcoglycan (alpha Sarcoglycan (SGCA)) (NP_000014.1). |
| Storage:              | Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.  |