

Product Datasheet

Calsequestrin 1 Antibody



Catalog No: CY8254

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC FC

www.abways.com

Information

UniProt ID: P31415

All Names: Calmitin; Calmitine; Calsequestrin; Calsequestrin-1; CASQ; Casq1; PDIB1;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 63kDa

Application

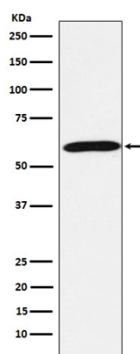
WB 1:1000~1:5000

IHC 1:50~1:200

FC 1:100

Background

Calsequestrin is a high-capacity, moderate affinity, calcium-binding protein and thus acts as an internal calcium store in muscle. The release of calcium bound to calsequestrin through a calcium release channel triggers muscle contraction. Binds 40 to 50 moles of calcium. Also binds laminin.



Western blot analysis of Calsequestrin 1 expression in Human skeletal muscle lysate.

For Research Use Only. Not For Use In Diagnostic Procedures.

www.abways.com