



CASQ1 Antibody, HRP conjugated

Product Code	CSB-PA004556LB01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P31415
Immunogen	Recombinant Human Calsequestrin-1 protein (127-396AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA
Relevance	Calsequestrin is a high-capacity, moderate affinity, calcium-binding protein and thus acts as an internal calcium store in muscle. Calcium ions are bound by clusters of acidic residues at the protein surface, often at the interface between subunits. Can bind around 80 Ca(2+) ions. Regulates the release of luminal Ca(2+) via the calcium release channel RYR1; this plays an important role in triggering muscle contraction.
Form	Liquid
Conjugate	HRP
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Calsequestrin-1 (Calmitine) (Calsequestrin, skeletal muscle isoform), CASQ1, CASQ
Species	Homo sapiens (Human)
Research Area	Signal Transduction
Target Names	CASQ1