

Recombinant

DGRmAb®

## Sarcomeric alpha Actinin (DGR13926) Rabbit mAb

db12164

Package : 10µL 20µL 50µL 100µL

**Product Name** : Sarcomeric alpha Actinin (DGR13926) Rabbit mAb**Cat.No.:** db12164**Synonyms** : CMH23; CMD1AA**Application** : WB, IHC-P, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

Alpha actinins belong to the spectrin gene superfamily which represents a diverse group of cytoskeletal proteins, including the alpha and beta spectrins and dystrophins. Alpha actinin is an actin-binding protein with multiple roles in different cell types. In nonmuscle cells, the cytoskeletal isoform is found along microfilament bundles and adherens-type junctions, where it is involved in binding actin to the membrane. In contrast, skeletal, cardiac, and smooth muscle isoforms are localized to the Z-disc and analogous dense bodies, where they help anchor the myofibrillar actin filaments. This gene encodes a muscle-specific, alpha actinin isoform that is expressed in both skeletal and cardiac muscles. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2013]

**Immunogen**

A synthetic peptide of human Sarcomeric Alpha Actinin

**Gene ID**

88

**Swiss Prot**

P35609

**Synonyms**

CMH23; CMD1AA

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, IP

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:100-1:200

IP: 1:20-1:50

**Calculated MW**

104 kDa

**Observed MW**

104 kDa

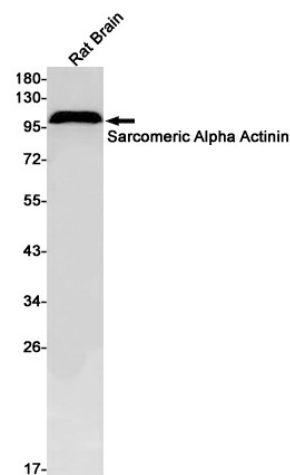
**Host species**

Rabbit

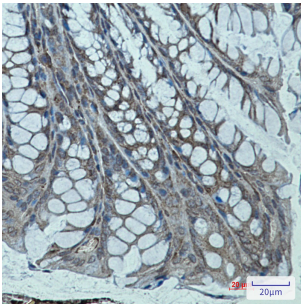
**Clonality**

Monoclonal

|                   |                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality No.     | DGR13926                                                                                                                                                      |
| Isotype           | IgG                                                                                                                                                           |
| Purity            | Affinity Purification                                                                                                                                         |
| Conjugation       | Un-conjugated                                                                                                                                                 |
| Storage Stability | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |



Western blot detection of Sarcomeric Alpha Actinin in Rat Brain lysates using Sarcomeric Alpha Actinin antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded mouse colon using db12164 antibody.