

Recombinant

DGRmAb®

alpha smooth muscle Actin (DGR13877) Rabbit mAb

db12513

Package : 10µL 20µL 50µL 100µL

Product Name : alpha smooth muscle Actin (DGR13877) Rabbit mAb**Cat.No.:** db12513**Synonyms :** ACTSA**Application :** WB, IHC-P, ICC/IF, FC**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, integrity, and intercellular signaling. The encoded protein is a smooth muscle actin that is involved in vascular contractility and blood pressure homeostasis. Mutations in this gene cause a variety of vascular diseases, such as thoracic aortic disease, coronary artery disease, stroke, and Moyamoya disease, as well as multisystemic smooth muscle dysfunction syndrome. [provided by RefSeq, Sep 2017]

Immunogen

A synthetic peptide of human alpha smooth muscle Actin

Gene ID

59

Swiss Prot

P62736

Synonyms

ACTSA

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC

Recommended dilution

WB: 1:2000-1:20000

IHC-P: 1:500-1:2000

ICC/IF: 1:200-1:500

FC: 1:10-1:100

Calculated MW

42 kDa

Observed MW

42 kDa

Host species

Rabbit

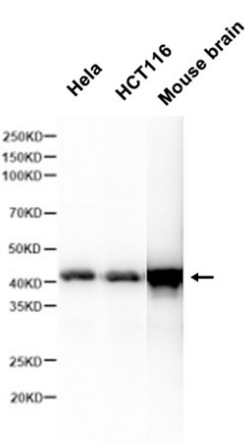
Clonality

Monoclonal

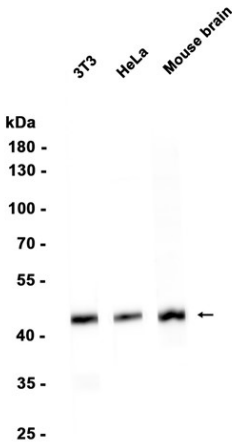
Clonality No.

DGR13877

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 analysis of extracts from HeLa, HCT116 cells and Mouse brain tissue using db12513 at 1:10000.



Western blot analysis of extracts from HeLa, 3T3 cells and Mouse brain tissue using db12513 at 1:10000.