

Recombinant

DGRmAb®

alpha smooth muscle Actin (DGR13251) Rabbit mAb

db12547

Package : 10µL 20µL 50µL 100µL

Product Name : alpha smooth muscle Actin (DGR13251) Rabbit mAb

Cat.No.: db12547

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: 1:1000-1:5000

IHC-P: 1:200-1:500

ICC/IF: 1:200-1:500

FC: 1:20

Calculated MW

42 kDa

Observed MW

42 kDa

Host species

Rabbit

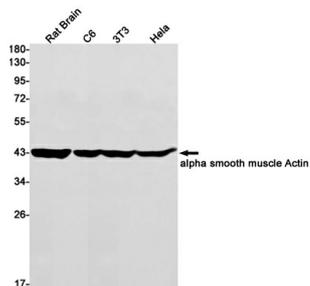
Clonality

Monoclonal

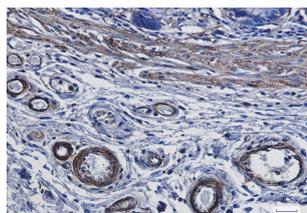
Clonality No.

DGR13251

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 alpha smooth muscle Actin in Rat Brain, C6, 3T3, HeLa cell lysates using alpha smooth muscle Actin antibody (1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human colon cancer using db12547 antibody.