

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

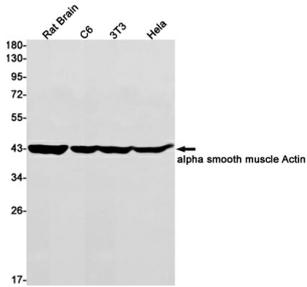
Clonality

Monoclonal

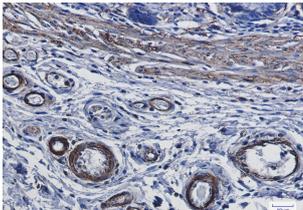
Clonality No.

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.