

Datasheet for ABIN790443

anti-Smooth Muscle Actin antibody (AA 1-378)

3 Images



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Overview

Quantity:	50 µg
Target:	Smooth Muscle Actin (ACTA2)
Binding Specificity:	AA 1-378
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Smooth Muscle Actin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	ACTA2 (AAH17554, 1 a.a. ~ 378 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. Type of Immunogen: Recombinant protein
Clone:	1D11-2B9
Isotype:	IgG1 kappa
Specificity:	Human ACTA2
Purification:	Purified from ascites by Protein A

Target Details

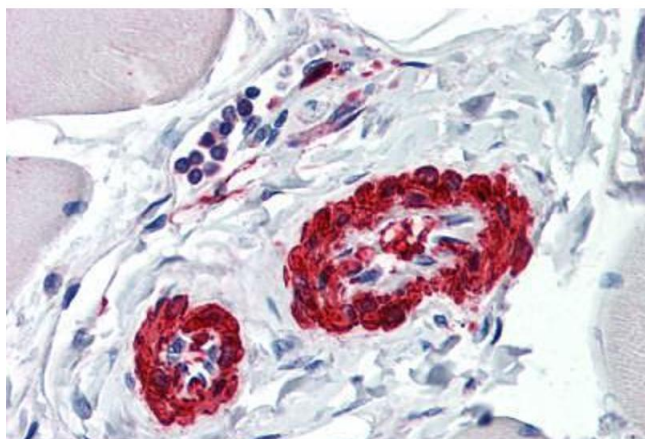
Target:	Smooth Muscle Actin (ACTA2)
Alternative Name:	ACTA2 / Smooth Muscle Actin (ACTA2 Products)
Background:	Name/Gene ID: ACTA2 Synonyms: ACTA2, ACTVS, Alpha-actin-2, Alpha-cardiac actin, AAT6, Actin, aortic smooth muscle, ACTSA, Smooth Muscle Actin, MYMY5
Gene ID:	59
UniProt:	P62736
Pathways:	Myometrial Relaxation and Contraction , Skeletal Muscle Fiber Development

Application Details

Application Notes:	Approved: ELISA, IHC, IHC-P (5 µg/mL), WB (1:500 - 1:1000) Usage: Immunohistochemistry: Formalin-fixed paraffin-embedded sections. Sandwich ELISA: Recombinant protein. Western Blot: Recombinant protein.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

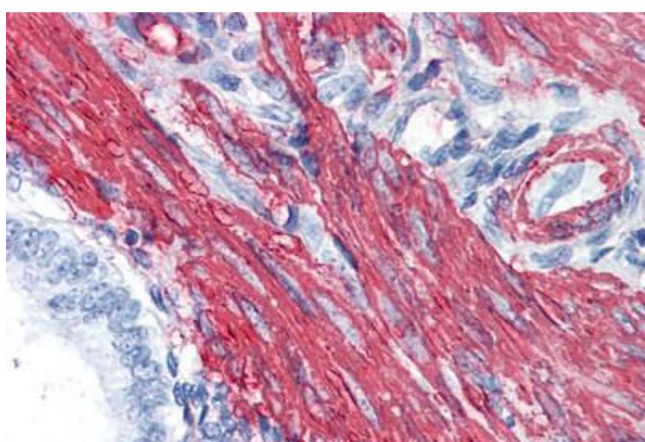
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4
Handling Advice:	Aliquot to Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid freeze-thaw cycles.



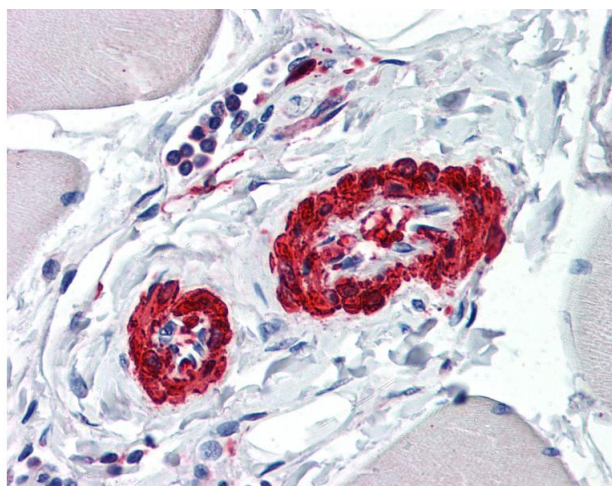
Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 1. Human Vessels: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 2. Human Uterus: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry

Image 3. Anti-ACTA2 antibody IHC of human vessels. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.