

Rabbit Actin Alpha 2 (ACTa2) Polyclonal Antibody | anti-ACTa2 antibody

Anti-Actin Alpha 2, Smooth Muscle (ACTa2) polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21048	Rabbit	Human, Mouse, Rat, Guinea pig, Rabbit, Simian, Dog, Pig, Bovine, Horse, Chicken, Zebrafish	Western Blot

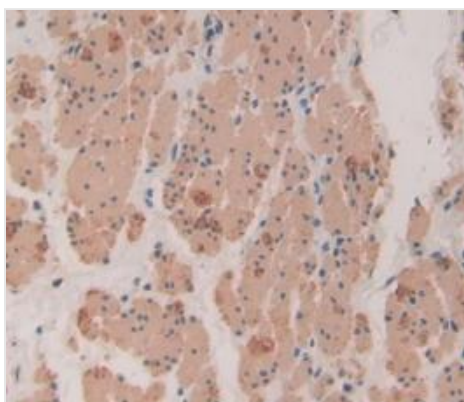
PRODUCT SYNONYMS

Actin Alpha 2 (ACTa2); Polyclonal Antibody; Anti-Actin Alpha 2; Smooth Muscle (ACTa2) polyclonal Antibody; ACT-A2; ACTSA; ACTVS; Asma; GIG46; Cell growth-inhibiting gene 46 protein; anti-ACTa2 antibody

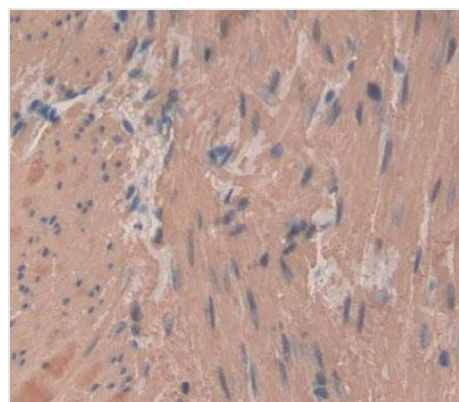
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Guinea pig, Rabbit, Simian, Dog, Pig, Bovine, Horse, Chicken, Zebrafish
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against ACTa2. It has been selected for its ability to recognize ACTa2 in immunohistochemical staining and western blotting.
Purity/Purification	Antigen-specific affinity chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Applicable Applications for anti-ACTa2 antibody	WB (Western Blot)
Application Notes	Loading Control of WB. Western Blot: 0.5-2ug/ml
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

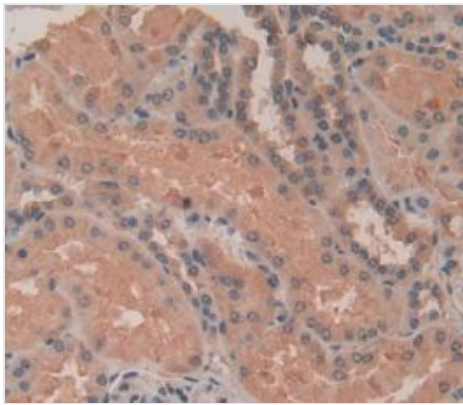
IMAGES



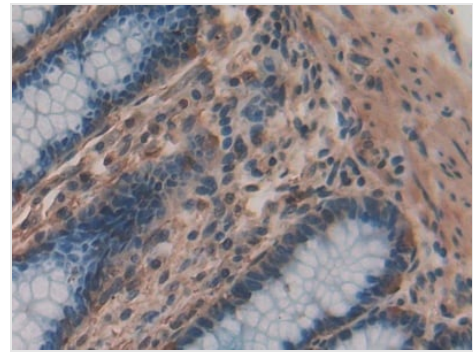
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human esophagus Tissue.



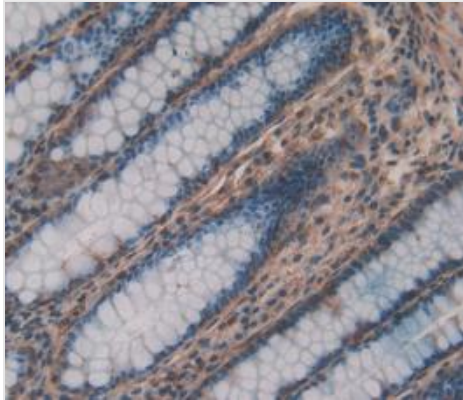
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Rectum Cancer Tissue



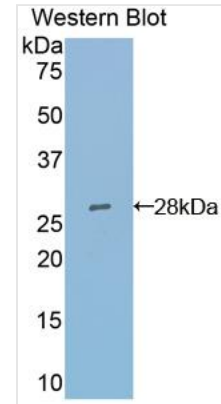
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Kidney Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Rectum Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Rectum Tissue.



WB (Western Blot)
Western Blot: Sample: Recombinant ACTa2, Human.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ACTa2 antibody

Control Antibody; Developmental science; Bone metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	213688375
NCBI GeneID	59
NCBI Accession #	NP_001135417.1
NCBI GenBank Nucleotide #	NM_001141945.2
UniProt Accession #	P62736; P03996; P04108; Q6F119; B2R8A4
Molecular Weight	42,009 Da
NCBI Official Full Name	actin, aortic smooth muscle
NCBI Official Synonym Full Names	actin, alpha 2, smooth muscle, aorta
NCBI Official Symbol	ACTA2
NCBI Official Synonym Symbols	ACTSA
NCBI Protein Information	actin, aortic smooth muscle
UniProt Protein Name	Actin, aortic smooth muscle
UniProt Gene Name	ACTA2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/actin-alpha-2-acta2-antibody-western-blot-elisa/21048>