

alpha Smooth Muscle Actin antibody [HL1419]

Cat. No. GTX636885

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, IHC-P, IHC-Fr
Reactivity	Mouse, Rat

References (3)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
IHC-P	Assay dependent
IHC-Fr	Assay dependent

Not tested in other applications.

Observed MW (kDa) 42 kDa.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human alpha Smooth Muscle Actin. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

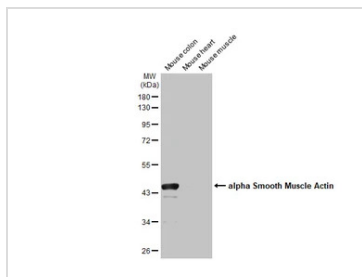
Note

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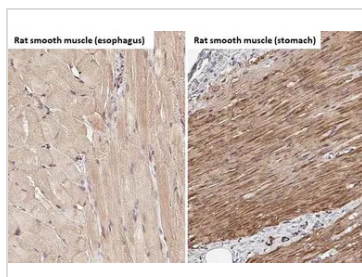
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DATA IMAGES

GTX636885 WB Image

Various tissue extracts (50 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with alpha Smooth Muscle Actin antibody [HL1419] (GTX636885) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

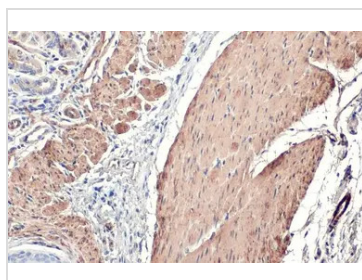

GTX636885 IHC-P Image

alpha Smooth Muscle Actin antibody [HL1419] detects alpha Smooth Muscle Actin protein by immunohistochemical analysis.

Sample: Paraffin-embedded rat tissues.

alpha Smooth Muscle Actin stained by alpha Smooth Muscle Actin antibody [HL1419] (GTX636885) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

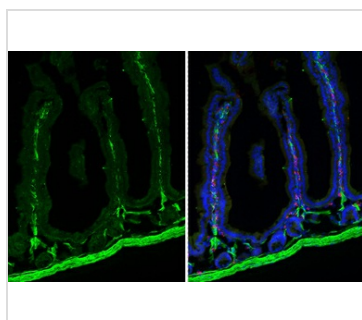

GTX636885 IHC-P Image

alpha Smooth Muscle Actin antibody [HL1419] detects alpha Smooth Muscle Actin protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded mouse smooth muscle.

alpha Smooth Muscle Actin stained by alpha Smooth Muscle Actin antibody [HL1419] (GTX636885) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX636885 IHC-Fr Image

alpha Smooth Muscle Actin antibody [HL1419] detects alpha Smooth Muscle Actin protein by immunohistochemical analysis.

Sample: Frozen-sectioned mouse duodenum.

Green: alpha Smooth Muscle Actin stained by alpha Smooth Muscle Actin antibody [HL1419] (GTX636885) diluted at 1:250.

Red: Vimentin antibody [GT812] (GTX629744) diluted at 1:1000.

Blue: Hoechst 33342 staining.



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