

## alpha Smooth Muscle Actin antibody [HL1419]

**Cat. No. GTX636885**

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

References ( 4 )

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

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<b>Storage</b>	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.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human alpha Smooth Muscle Actin. The exact sequence is proprietary.
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated

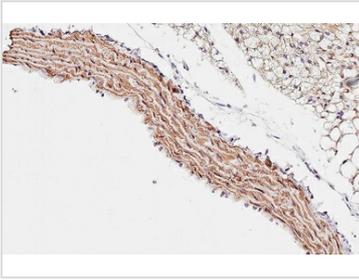
**Note**

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

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DATA IMAGES



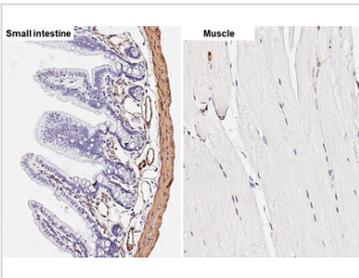
**GTx636885 IHC-P Image**

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

Sample: Paraffin-embedded mouse thymus gland.

alpha Smooth Muscle Actin stained by alpha Smooth Muscle Actin antibody [HL1419] (GTx636885) diluted at 1:25000.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



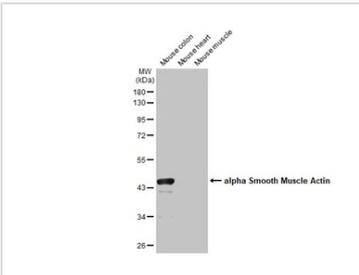
**GTx636885 IHC-P Image**

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

Sample: Paraffin-embedded mouse tissues.

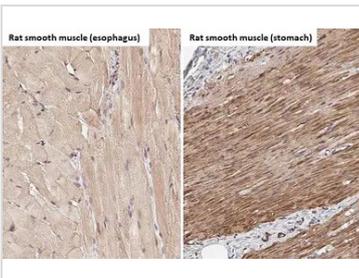
alpha Smooth Muscle Actin stained by alpha Smooth Muscle Actin antibody [HL1419] (GTx636885) diluted at 1:25000.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



**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.



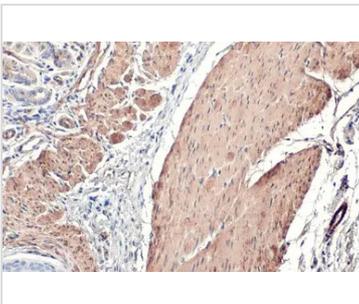
**GTx636885 IHC-P Image**

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



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