

alpha Smooth Muscle Actin antibody [HL3088]

Cat. No. GTX640534

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

★★★★★ Review (2)

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent
IHC-Fr	Assay dependent

Not tested in other applications.

Calculated MW 42 kDa. ([Note](#))

Properties

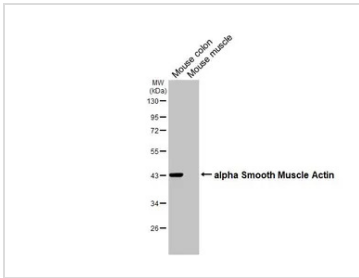
Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml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

Note

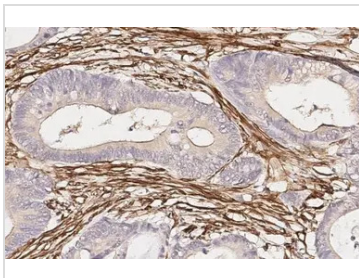
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DATA IMAGES

GTX640534 WB Image

Various tissue extracts (50 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with alpha Smooth Muscle Actin antibody [HL3088] (GTX640534) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

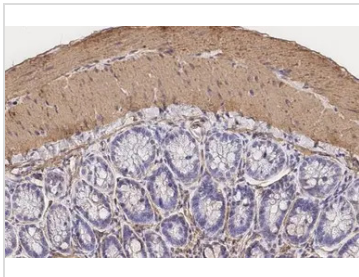

GTX640534 IHC-P Image

alpha Smooth Muscle Actin antibody [HL3088] detects alpha Smooth Muscle Actin protein by immunohistochemical analysis.

Sample: Paraffin-embedded human colon cancer.

alpha Smooth Muscle Actin stained by alpha Smooth Muscle Actin antibody [HL3088] (GTX640534) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

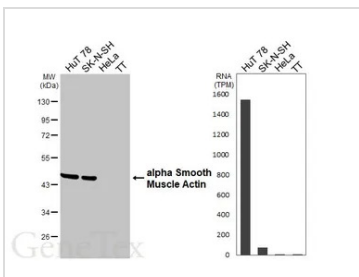

GTX640534 IHC-P Image

alpha Smooth Muscle Actin antibody [HL3088] detects alpha Smooth Muscle Actin protein by immunohistochemical analysis.

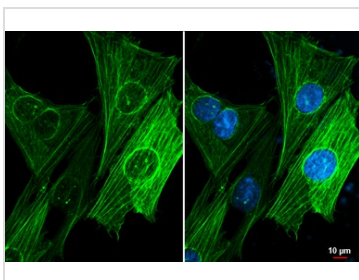
Sample: Paraffin-embedded mouse colon.

alpha Smooth Muscle Actin stained by alpha Smooth Muscle Actin antibody [HL3088] (GTX640534) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX640534 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with alpha Smooth Muscle Actin antibody [HL3088] (GTX640534) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.


GTX640534 ICC/IF Image

alpha Smooth Muscle Actin antibody [HL3088] detects alpha Smooth Muscle Actin protein by immunofluorescent analysis.

Sample: SK-N-SH cells were fixed in ice-cold MeOH for 5 min.

Green: alpha Smooth Muscle Actin stained by alpha Smooth Muscle Actin antibody [HL3088] (GTX640534) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



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