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Datasheet for ABIN6747075
anti-ACTN3 antibody (AA 180-229)

2 Images

Overview

Quantity:	100 µL
Target:	ACTN3
Binding Specificity:	AA 180-229
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Dog, Guinea Pig, Horse, Hamster, Monkey, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACTN3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa180-229 of human ACTN3 (Q08043, NP_001095). Percent identity by BLAST analysis: Human, Monkey, Marmoset, Mouse, Rat, Hamster, Dog, Bovine, Rabbit, Horse, Pig, Opossum, Guinea pig (100%), Gibbon, Xenopus, Zebrafish (92%), Gorilla, Elephant, Turkey, Zebra finch, Chicken (85%), Galago, Bat, Lizard, Salmon, Stickleback, Drosophila (84%). Type of Immunogen: Synthetic peptide
Specificity:	Human ACTN3
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Bovine, Horse (100%) Zebrafish

Product Details

(92%) Xenopus (85%).

Purification: Immunoaffinity purified

Target Details

Target: ACTN3

Alternative Name: ACTN3 ([ACTN3 Products](#))

Background: Name/Gene ID: ACTN3

Synonyms: ACTN3, Actinin, alpha 3, Alpha-actinin skeletal muscle, Alpha-actinin-3, F-actin cross-linking protein

Gene ID: 89

NCBI Accession: [NP_001095](#)

UniProt: [Q08043](#)

Pathways: [Cell-Cell Junction Organization](#)

Application Details

Application Notes: Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL)

Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Distilled water

Concentration: Lot specific

Buffer: Lyophilized from PBS with 2 % sucrose

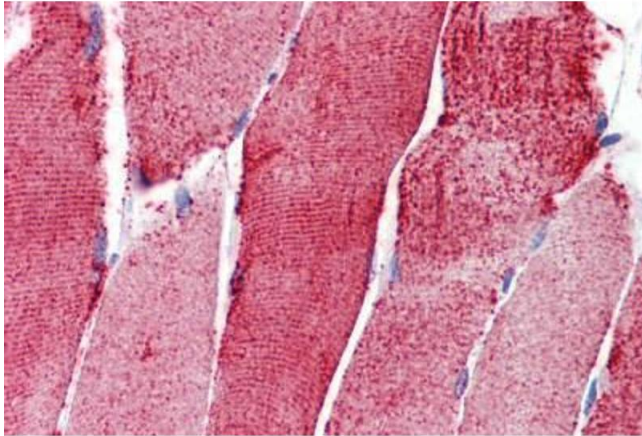
Handling Advice: Avoid repeat freeze-thaw cycles.

Storage: 4 °C,-20 °C

Handling

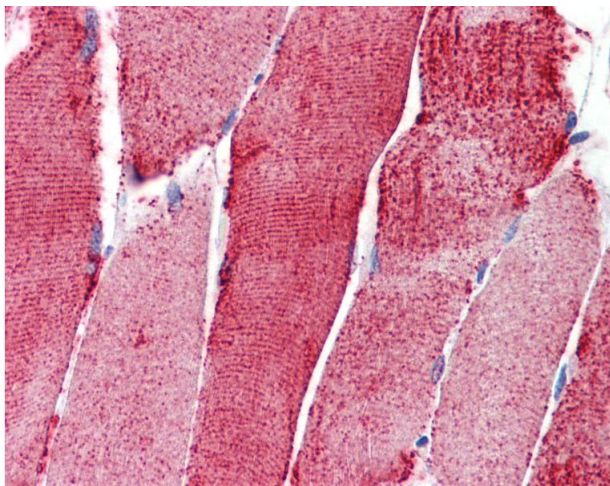
Storage Comment: Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)
Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

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



Immunohistochemistry

Image 2. Anti-ACTN3 antibody IHC of human skeletal muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. ...