

Datasheet: 0070-2304

Description:	RABBIT ANTI ACTIN (MUSCLE)
Specificity:	ACTIN (MUSCLE)
Format:	Serum
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.5 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.abdserotec.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunofluorescence	■			1/40

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Species Cross Reactivity

Reacts with: Mouse, Rat, Human, Chicken
N.B. Antibody reactivity and working conditions may vary between species.

Product Form

Serum - liquid

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)

Immunogen

Actin isolated from chicken back muscle.

External Database Links

UniProt:

[P68139](#) ACTS_CHICK [Related reagents](#)

Entrez Gene:

[421534](#) ACTA1 [Related reagents](#)

Synonyms

ACTA

Specificity

0070-2304 reacts with actin, the major constituent of the thin filaments in muscle and of the microfilaments in non-muscle cells. It is present in all eukaryotic cells and its organization may vary from one cell to another depending on its origin and physiological state. Actin exists a monomeric form (G-actin) or in a filamentous form (F-actin).

In immunofluorescence, this product stains the stress fibres of cultured fibroblasts from chicken, mouse, rat and human. It also stains the I-bands of stretched skeletal muscle.

Storage

Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody.
Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

18 months from date of despatch.

Health And Safety

Material Safety Datasheet Documentation #10081 available at:

Information <http://www.abdserotec.com/uploads/MSDS/10081.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR36...) [DyLight@800](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Sheep Anti Rabbit IgG (STAR54...) [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)
Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

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