

Product Datasheet

Beta Actin antibody (Biotin) (orb420483)

Description

Beta Actin antibody (Biotin)

Species/Host

Rabbit

Reactivity

Bovine, Goat, Guinea pig, Hamster, Human, Monkey, Mouse, Porcine, Rat, Sheep

Conjugation

Biotin

Tested

ELISA, IHC, WB

Applications
Immunogen

beta-Actin Loading Control Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to a C-Terminal region near amino acids 350-375 of Human beta Actin.

Preservatives

0.01% (w/v) Sodium Azide

Form/Appearance

Lyophilized

Concentration

1.0 mg/mL

Storage

Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Note

For research use only

Application notes

This affinity-purified antibody has been tested for use in ELISA and is suitable for immunohistochemistry and western blot. Specific conditions for reactivity should be optimized by the end user. Beta actin present in fibroblast connective tissue stains very brightly. Beta actin present in neuromuscular junctions also stains. Paraformaldehyde fixation yields brighter staining than formalin or methanol fixation. Expect a band at ~42 kDa in size corresponding to beta actin by western blotting in the appropriate cell lysate or extract.

Isotype

IgG

Clonality

Polyclonal

Purity

This affinity-purified antibody is directed

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Beta Actin from a wide range of organisms, including most vertebrates and some yeast.