# Product Datasheet

## alpha-Actinin 1 Antibody [Biotin]
## NBP3-62271

Unit Size: 100 ul

Store at 4C in the dark.

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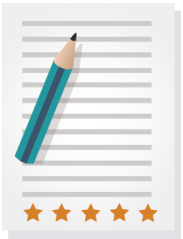

# NBP3-62271

alpha-Actinin 1 Antibody [Biotin]

## Product Information

| | |
|---|---|
| **Unit Size** | 100 ul |
| **Concentration** | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| **Storage** | Store at 4C in the dark. |
| **Clonality** | Polyclonal |
| **Preservative** | 0.02% Sodium Azide |
| **Isotype** | IgG |
| **Conjugate** | Biotin |
| **Purity** | Affinity purified |
| **Buffer** | 40% glycerol and PBS (pH 7.2). |

## Product Description

| | |
|---|---|
| **Description** | This conjugate is made on demand and is not held in inventory. As a result, each order represents a unique lot.<br><br>Successful site-specific biotin conjugation is confirmed by reducing SDS-PAGE, revealing a mobility shift of the antibody heavy-chain when biotin is covalently attached. Free biotin from the conjugation process has been removed. The antibody concentration is provided on the individual product label.<br><br>For specialized conjugation needs, like large quantities, and specific concentrations, bulk and custom antibody conjugation services are available. |
| **Host** | Rabbit |
| **Gene ID** | 87 |
| **Gene Symbol** | ACTN1 |
| **Species** | Human, Mouse, Rat |
| **Reactivity Notes** | Reactivity reported in scientific literature (PMID: 23435261). Canine reactivity per customer review. |
| **Marker** | Z-disk Marker |
| **Immunogen** | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>SAKEGLLLWCQRKTAPYKNVNIQNFHISWKDGLGFCALIHRHRPELIDYGKLRK<br>DDPLTNLNTAFDVAEKYLDIPKMLDAEDIVGTARPDEKAIMTYVSSFYHAFSGA<br>QKAETAANRICKV |

## Product Application Details

| | |
|---|---|
| **Applications** | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin |
| **Recommended Dilutions** | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000 |
| **Application Notes** | Recommended applications and dilutions are based on validated applications from the unconjugated base product NBP1-85791 |

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## Products Related to NBP3-62271

| | |
|---|---|
| NBP2-24891B | Rabbit IgG Isotype Control [Biotin] |
| NBP2-59725-0.1mg | Recombinant Human alpha-Actinin 1 His Protein |
| 236-EG-200 | EGF [Unconjugated] |
| NBP2-66416 | Mouse alpha-Actinin 1 ELISA Kit (Colorimetric) |

### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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