Leader in Biomolecular Solutions for Life Science

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# MANEA Rabbit pAb

**Catalog No.: A10756**

## Basic Information

**Observed MW**
54kDa

**Calculated MW**
54kDa

**Category**
Primary antibody

**Applications**
ELISA,WB

**Cross-Reactivity**
Human

## Background

N-glycosylation of proteins is initiated in the endoplasmic reticulum (ER) by the transfer of the preassembled oligosaccharide glucose-3-mannose-9-N-acetylglucosamine-2 from dolichyl pyrophosphate to acceptor sites on the target protein by an oligosaccharyltransferase complex. This core oligosaccharide is sequentially processed by several ER glycosidases and by an endomannosidase (E.C. 3.2.1.130), such as MANEA, in the Golgi. MANEA catalyzes the release of mono-, di-, and triglucosylmannose oligosaccharides by cleaving the alpha-1,2-mannosidic bond that links them to high-mannose glycans (Hamilton et al., 2005 [PubMed 15677381]).

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:500 - 1:2000 |

## Immunogen Information

**Gene ID**
79694

**Swiss Prot**
Q5SRI9

**Immunogen**
Recombinant fusion protein containing a sequence corresponding to amino acids 30-100 of human MANEA (NP_078917.2).

**Synonyms**
ENDO; hEndo; MANEA

## Contact


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## Product Information

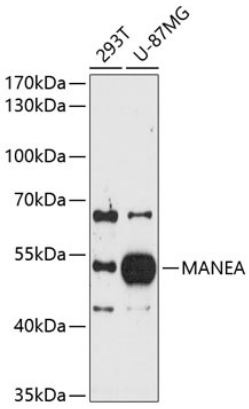
**Source**
Rabbit

**Isotype**
IgG

**Purification**
Affinity purification

**Storage**
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

## Validation Data




Western blot analysis of various lysates using MANEA Rabbit pAb (A10756) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.