

[Go to Product page](#)

Datasheet for ABIN7162314

anti-Osteocrin antibody (AA 28-133) (Biotin)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | Osteocrin (OSTN) |
| Binding Specificity: | AA 28-133 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Osteocrin antibody is conjugated to Biotin |
| Application: | ELISA |

Product Details

| | |
|-------------------|--|
| Immunogen: | Recombinant Human Osteocrin protein (28-133aa) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|--|
| Target: | Osteocrin (OSTN) |
| Alternative Name: | OSTN (OSTN Products) |
| Background: | Background: Hormone that acts as a regulator of dendritic growth in the developing cerebral cortex in response to sensory experience (PubMed:27830782). Induced in the brain following |

Target Details

membrane depolarization and inhibits dendritic branching in neurons of the developing cortex (PubMed:27830782). Probably acts by binding to natriuretic peptide receptor NPR3/NPR-C, thereby preventing binding between NPR3/NPR-C and natriuretic peptides, leading to increase cGMP production (By similarity).

Aliases: Osteocrin (Musclin) [Cleaved into: Processed Osteocrin], OSTN

UniProt: [P61366](#)

Pathways: [Hormone Activity](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.