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Datasheet for ABIN7162315 **anti-Osteocrin antibody (AA 28-133) (FITC)**

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 FITC
Application:	Please inquire

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

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.