

Datasheet for ABIN5510721

WIF1 ELISA Kit[Go to Product page](#)**1** Image

Overview

Quantity: 96 tests

Target: WIF1

Binding Specificity: AA 29-379

Reactivity: Rat

Method Type: Sandwich ELISA

Application: ELISA

Product Details

Purpose: Sandwich High Sensitivity ELISA kit for Quantitative Detection of Rat WIF1

Brand: PicoKine™

Analytical Method: Quantitative

Detection Method: Colorimetric

Specificity: Expression system for standard: NSO
Immunogen sequence: G29-W379

Cross-Reactivity (Details): There is no detectable cross-reactivity with other relevant proteins.

Target Details

Target: WIF1

Alternative Name: Wif1 ([WIF1 Products](#))

Background: Protein Function: Binds to WNT proteins and inhibits their activities. May be involved in

Target Details

mesoderm segmentation.

Background: Wnt inhibitory factor 1 is a protein that in humans is encoded by the WIF1 gene. The protein encoded by this gene functions to inhibit WNT proteins, which are extracellular signaling molecules that play a role in embryonic development. Additionally, this protein contains a WNT inhibitory factor (WIF) domain and five epidermal growth factor (EGF)-like domains, and is thought to be involved in mesoderm segmentation. This gene functions as a tumor suppressor gene, and has been found to be epigenetically silenced in various cancers.

Synonyms: Wnt inhibitory factor 1, WIF-1, Wif1,

Full Gene Name: Wnt inhibitory factor 1

Cellular Localisation: Secreted.

UniProt: [Q6IN38](#)

Pathways: [WNT Signaling](#), [Positive Regulation of fat Cell Differentiation](#)

Application Details

Plate: Pre-coated

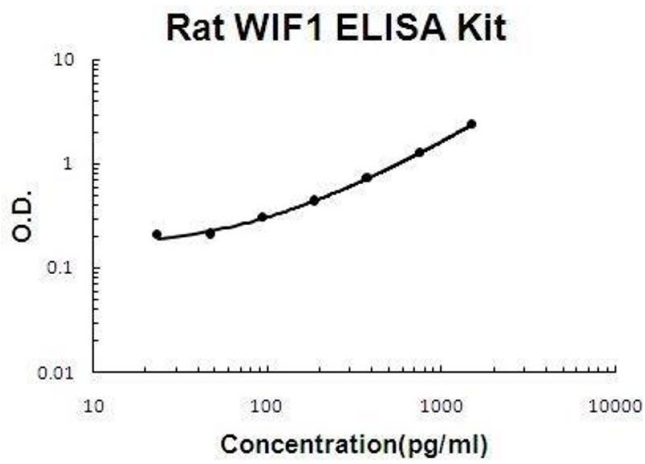
Restrictions: For Research Use only

Handling

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

Expiry Date: 12 months



ELISA

Image 1. Rat WIF1 PicoKine ELISA Kit standard curve