

PACO40286

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## Product Information

**Size:**

50ug

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, IHC

**Recommended dilutions:**

ELISA:1:2000-1:10000, IHC:1:20-1:200

**Protein Background:**

Removes ADP-ribose from glutamate residues in proteins bearing a single ADP-ribose moiety. Inactive towards proteins bearing poly-ADP-ribose. Deacetylates O-acetyl-ADP ribose, a signaling molecule generated by the deacetylation of acetylated lysine residues in histones and other proteins. Plays a role in estrogen signaling. Binds to androgen receptor (AR) and amplifies the transactivation function of AR in response to androgen. May play an important role in carcinogenesis and/or progression of hormone-dependent cancers by feed-forward mechanism that activates ESR1 transactivation. Could be an ESR1 coactivator, providing a positive feedback regulatory loop for ESR1 signal transduction. Could be involved in invasive growth by down-regulating CDH1 in endometrial cancer cells. Enhances ESR1-mediated transcription activity.

**Gene ID:**

MACROD1

**Uniprot**

Q9BQ69

**Synonyms:**

O-acetyl-ADP-ribose deacetylase MACROD1 (EC 3.2.2. -) (EC 3.5.1. -) (MACRO domain-containing protein 1) (Protein LRP16) ([Protein ADP-ribosyl]glutamate] hydrolase), MACROD1, LRP16

**Immunogen:**

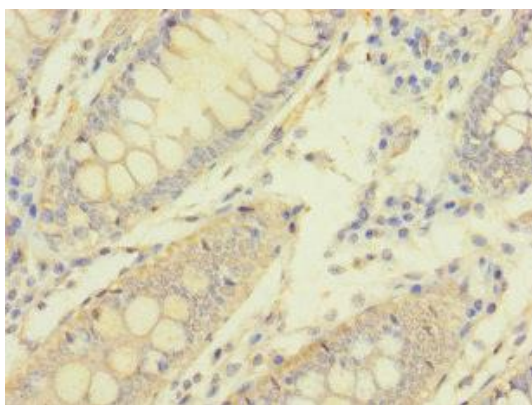
Recombinant Human O-acetyl-ADP-ribose deacetylase MACROD1 protein (83-325AA).

**Storage:**

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

## Product Images

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Immunohistochemistry of paraffin-embedded human colon cancer using PACO40286 at dilution of 1:100.