

AP42158PU-N

Polyclonal Antibody to REXO4 - Aff - Purified

Alternate names:

Exonuclease XPMC2, PMC2, Prevents mitotic catastrophe 2 protein homolog, RNA exonuclease 4, XPMC2H

Quantity:

50 µg

Background:

The regulation of the quinone reductase (QR) gene as well as other genes involved in detoxification is known to be mediated by an electrophile response element (EpRE). QR gene regulation by the antiestrogen-occupied estrogen receptor (ER) is mediated by the EpRE-containing region of the human QR gene, and the ER is one of the complex of proteins that binds to the EpRE. REXO4 directly binds to the EpRE and interacts with the ER. The activation of QR gene activity by REXO4 is enhanced in the presence of ER beta.

Uniprot ID:

[Q9GZR2](#)

NCBI:

[NP_065118](#)

GeneID:

[57109](#)

Host:

Rabbit

Immunogen:

The immunogen for anti-REXO4 antibody: synthetic peptide directed towards the middle region of human REXO4.

AA Sequence:

PADIEAAIGPEAAKIARKQLGQSEGSVSLSLVKEQAFGGLTRALALDCM

Format:

State: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Purification: Purified using peptide immunoaffinity column

Applications:

Western blotting (0.2 - 1.0 µg/ml)

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Species Reactivity:

Tested: Human

Storage:

Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

"Identification and characterization of a novel factor that regulates quinone reductase gene transcriptional activity." Montano M.M., Wittmann B.M., Bianco N.R. J. Biol. Chem. 275:34306-34313(2000)

Pictures:

WB Suggested Anti-REXO4 Antibody
Titration: 0.2-1 µg/ml; ELISA Titer: 1:
312500; Positive Control: Human Lung

