

Datasheet for ABIN631004

anti-Prohibitin 2 antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Prohibitin 2 (PHB2)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Prohibitin 2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Prohibitin 2 antibody was raised using the N terminal of PHB2 corresponding to a region with amino acids WFQYPIYDIRARPRKISSPTGSKDLQMVNISLRVLSRPNAQELPSMYQR
Specificity:	Prohibitin 2 antibody was raised against the N terminal of PHB2
Purification:	Affinity purified

Target Details

Target:	Prohibitin 2 (PHB2)
Alternative Name:	Prohibitin 2 (PHB2 Products)
Background:	PHB2 acts as a mediator of transcriptional repression by nuclear hormone receptors via recruitment of histone deacetylases (By similarity). It functions as an estrogen receptor (ER)-selective coregulator that potentiates the inhibitory activities of antiestrogens and represses

Target Details

the activity of estrogens. PHB2 competes with NCOA1 for modulation of ER transcriptional activity. It probably involved in regulating mitochondrial respiration activity and in aging.

Molecular Weight: 33 kDa (MW of target protein)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: Prohibitin 2 Blocking Peptide, catalog no. 33R-9946, is also available for use as a blocking control in assays to test for specificity of this Prohibitin 2 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of PHB2 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. Prohibitin 2 antibody used at 1 ug/ml to detect target protein.