

Datasheet for ABIN630811 **anti-GTPBP4 antibody (C-Term)**



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1 Image

Overview

Quantity:	100 µL
Target:	GTPBP4
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GTPBP4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	GTPBP4 antibody was raised using the C terminal of GTPBP4 corresponding to a region with amino acids MVKKAKTMMKNAQKKMNRLGKKGEADRHVFDMPKPKHLLSGKRKAGKKDRR
Specificity:	GTPBP4 antibody was raised against the C terminal of GTPBP4
Purification:	Affinity purified

Target Details

Target:	GTPBP4
Alternative Name:	GTPBP4 (GTPBP4 Products)
Background:	GTP-binding proteins are GTPases and function as molecular switches that can flip between two states: active, when GTP is bound, and inactive, when GDP is bound. 'Active' in this context usually means that the molecule acts as a signal to trigger other events in the cell. When an

Target Details

extracellular ligand binds to a G-protein-linked receptor, the receptor changes its conformation and switches on the trimeric G proteins that associate with it by causing them to eject their GDP and replace it with GTP. The switch is turned off when the G protein hydrolyzes its own bound GTP, converting it back to GDP. But before that occurs, the active protein has an opportunity to diffuse away from the receptor and deliver its message for a prolonged period to its downstream target.

Molecular Weight: 74 kDa (MW of target protein)

Application Details

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

Comment: GTPBP4 Blocking Peptide, catalog no. 33R-6589, is also available for use as a blocking control in assays to test for specificity of this GTPBP4 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of GTPBP4 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. GTPBP4 antibody used at 1 ug/ml to detect target protein.