



Datasheet for ABIN2787634
anti-PTGES3 antibody (Middle Region)



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2 Images

Overview

Quantity:	100 µL
Target:	PTGES3
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Rabbit, Guinea Pig, Saccharomyces cerevisiae, Cow, Dog, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTGES3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PTGES3
Sequence:	KDWEDDSDED MSNFDRFSEM MNNMGGDEDV DLPEVDGADD DSQSDSDEKM
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 77%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against PTGES3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PTGES3
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Target Details

Alternative Name:	PTGES3 (PTGES3 Products)
Background:	<p>PTGES3 is a molecular chaperone that localizes to genomic response elements in a hormone-dependent manner and disrupts receptor-mediated transcriptional activation, by promoting disassembly of transcriptional regulatory complexes.</p> <p>Alias Symbols: P23, TEBP, cPGES</p> <p>Protein Interaction Partner: PTGES3, HSP90AB1, HSP90AA1, CASP7, CASP3, FKBP8, AIP, IRS4, FKBP6, PPP5C, PPID, FKBP5, FKBP4, UBC, rev, RNH1, HPRT1, DYRK1B, THRA, GZMB, PGR, Dnmt3a, AR, BCR, ABL1, HSF1, KAT2A, SURF1, NOS2, FN1, CFTR, CAV3, vpu, CD2AP, DHX36, NUDCD2, URM1, WRAP53, SSU72,</p> <p>Protein Size: 160</p>
Molecular Weight:	18 kDa
Gene ID:	10728
NCBI Accession:	NM_006601 , NP_006592
UniProt:	Q15185
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Cellular Glucan Metabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 160 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-PTGES3

Antibody Titration: 0.2-1 µg/mL

Positive Control: PANC1 cell lysate

PTGES3 is supported by BioGPS gene expression data to be expressed in PANC1



Western Blotting

Image 2. WB Suggested Anti-PTGES3 Antibody Titration:

0.2-1 ug/ml

Positive Control: PANC1 cell lysate