

Datasheet for ABIN7117865 **anti-PTGES3 antibody**

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Overview

Quantity:	100 µg
Target:	PTGES3
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTGES3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP), Flow Cytometry (FACS)

Product Details

Immunogen:	prostaglandin E synthase 3(cytosolic)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	PTGES3
Alternative Name:	PTGES3 (PTGES3 Products)
Background:	Synonyms:P23, TEBP Background:Cytosolic prostaglandin synthase that catalyzes the oxidoreduction of prostaglandin endoperoxide H ₂ (PGH ₂) to prostaglandin E ₂ (PGE ₂)(PubMed:10922363). Molecular chaperone that localizes to genomic response

Target Details

elements in a hormone-dependent manner and disrupts receptor-mediated transcriptional activation, by promoting disassembly of transcriptional regulatory complexes(PubMed:11274138, PubMed:12077419). Facilitates HIF alpha proteins hydroxylation via interaction with EGLN1/PHD2, leading to recruit EGLN1/PHD2 to the HSP90 pathway(PubMed:24711448).

Molecular Weight:	21-23 kDa
Gene ID:	10728
UniProt:	Q15185
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Cellular Glucan Metabolic Process

Application Details

Application Notes:	WB: 1:500-1:2000, IP: 1:200-1:2000, IF: 1:20-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months