

ARG64666 anti-PTGER3 / EP3 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes PTGER3 / EP3
Tested Reactivity	Hu
Tested Application	WB
Specificity	This antibody is expected to recognize isoforms 1, 2 and 3 (NP_000948.2, NP_942005.2 and NP_942006.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	PTGER3 / EP3
Species	Human
Immunogen	KLLREPCSVQLS
Conjugation	Un-conjugated
Alternate Names	PGE receptor EP3 subtype; PGE2 receptor EP3 subtype; EP3-IV; PGE2-R; EP3-VI; EP3e; EP3; Prostanoid EP3 receptor; EP3-III; Prostaglandin E2 receptor EP3 subtype; EP3-I; EP3-II

Application Instructions

Application table	Application	Dilution
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links [GeneID: 5733 Human](#)

[Swiss-port # P43115 Human](#)

Background The protein encoded by this gene is a member of the G-protein coupled receptor family. This protein is one of four receptors identified for prostaglandin E2 (PGE2). This receptor may have many biological functions, which involve digestion, nervous system, kidney reabsorption, and uterine contraction activities. Studies of the mouse counterpart suggest that this receptor may also mediate adrenocorticotrophic hormone response as well as fever generation in response to exogenous and endogenous stimuli. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2009]

Research Area Metabolism antibody; Signaling Transduction antibody

Calculated Mw 43 kDa

Images



ARG64666 anti-PTGER3 / EP3 antibody WB image

Western Blot: Human Adipose lysate (35 µg protein in RIPA buffer) stained with ARG64666 anti-PTGER3 / EP3 antibody at 1 µg/ml dilution.