

ARG11166 anti-Prostaglandin E2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Prostaglandin E2
Tested Reactivity	Rat
Predict Reactivity	Hu, Ms, Pig
Tested Application	IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Prostaglandin E2
Species	Human
Immunogen	Human synthesized peptide derived Prostaglandin E2
Conjugation	Un-conjugated
Alternate Names	PTGES2; Prostaglandin E Synthase 2; Prostaglandin-H(2) E-Isomerase; MPGE Synthase-2; EC 5.3.99.3; FLJ14038; C9orf15; MPGES-2; PGES2

Application Instructions

Application table	Application	Dilution
	IHC-P	1:200

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

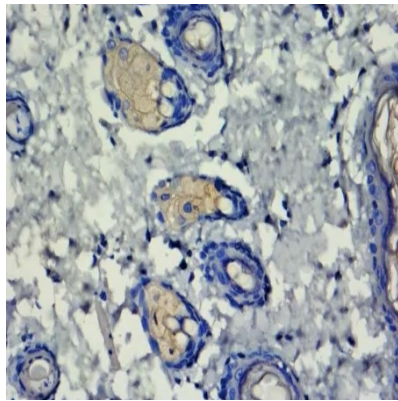
Properties

Form	Liquid
Purification	Purified by Protein A
Buffer	PBS and 0.02% Sodium azide.
Preservative	0.02% Sodium azide
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

Gene Full Name	Prostaglandin E Synthase 2
Background	The protein encoded by this gene is a membrane-associated prostaglandin E synthase, which catalyzes the conversion of prostaglandin H2 to prostaglandin E2. This protein also has been shown to activate the transcription regulated by a gamma-interferon-activated transcription element (GATE). Multiple transcript variants have been found for this gene.
Function	Isomerase that catalyzes the conversion of PGH2 into the more stable prostaglandin E2 (PGE2) (in vitro).
Calculated Mw	42 kDa
PTM	Cytoplasm, Golgi apparatus, Membrane
Cellular Localization	Phosphoprotein

Images



ARG11166 anti-Prostaglandin E2 antibody IHC-P image

Immunohistochemistry: Rat skin stained with ARG11166 anti-Prostaglandin E2 antibody at 1:200 dilution.