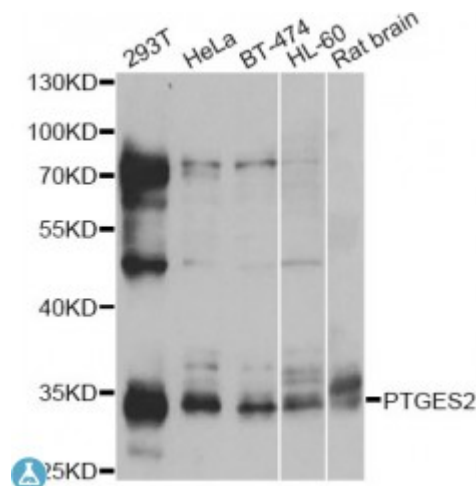


Anti-PTGES2 Antibody



Description

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.

Model	STJ115401
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	IF, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 88-377 of human PTGES2 (NP_079348.1).
Gene ID	80142
Gene Symbol	PTGES2
Dilution range	WB 1:500 - 1:2000 IF 1:50 - 1:200
Tissue Specificity	Widely expressed, Expressed in the heart, including apex, inter-ventricular septum, both atria and ventricles, but not in the aorta, Also expressed in fetal heart, Detected in various regions of the brain: cerebellum
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Prostaglandin E synthase 2 Membrane-associated prostaglandin E synthase-2

	mPGE synthase-2 Microsomal prostaglandin E synthase 2 mPGES-2 Prostaglandin-H(2 E-isomerase
Molecular Weight	41.943 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:17822 OMIM:608152 Reactome:R-HSA-2162123
Alternative Names	Prostaglandin E synthase 2 Membrane-associated prostaglandin E synthase-2 mPGE synthase-2 Microsomal prostaglandin E synthase 2 mPGES-2 Prostaglandin-H(2 E-isomerase
Function	Isomerase that catalyzes the conversion of PGH2 into the more stable prostaglandin E2 (PGE2),
Cellular Localization	Golgi apparatus membrane

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com