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Product datasheet for TA329983

Ptges2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-Ptges2 antibody is: synthetic peptide directed towards the N-terminal region of MOUSE Ptges2. Synthetic peptide located within the following region: RLLGAAALALGGALGLYHTVRWHQRSQDLRAERSAAQLPLSNSLQLTLYQ
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	43 kDa
Gene Name:	prostaglandin E synthase 2
Database Link:	NP_598544 Entrez Gene 96979 Mouse Q8BWM0

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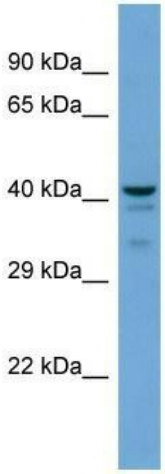
Background: The protein encoded by this gene is a Golgi membrane-associated prostaglandin E synthase candidate, which is capable of catalyzing the conversion of prostaglandin H2 to prostaglandin E2 in vitro. However, a study using mice deficient of this gene suggests that this enzyme does not contribute to prostaglandin E2 biosynthesis in vivo. This protein is synthesized as a Golgi membrane-bound protein, but its N-terminal hydrophobic region is cleaved off during protein maturation to produce the predominant soluble truncated form that still retains the enzyme activity. This soluble protein also has been shown to activate the transcription regulated by a gamma-interferon-activated transcription element (GATE), possibly via an interaction with CAAAT/enhancer-binding protein-beta.

Synonyms: C9orf15; FLJ14038; GBF1; MGC11289; mPGES-2; PGES2

Note: Immunogen sequence homology: Mouse: 100%; Rat: 79%; Human: 79%

Product images:



Host: Rabbit; Target Name: Ptges2; Sample Tissue: Mouse Brain lysates; Antibody Dilution: 1.0 ug/ml