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Datasheet for ABIN2790224 anti-PTGES2 antibody (N-Term)

Image



Overview

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| Quantity:100 μLTarget:PTGES2Binding Specificity:N-TermReactivity:Human, Mouse, Rat, Dog, Cow, PigHost:RabbitClonality:PolyclonalConjugate:This PTGES2 antibody is un-conjugatedApplication:Western Blotting (WB)Product DetailsThe immunogen is a synthetic peptide directed towards the N-terminal region of Human PTGES2Sequence:KEVTEFGNKY WLMLNEKEAQ QVYGGKEART EEMKWRQWAD DWLVHLISPNPredicted Reactivity:Cow: 79%, Dog: 79%, Human: 100%, Mouse: 86%, Pig: 79%, Rat: 79%Characteristics:This is a rabbit polyclonal antibody against PTGES2. It was validated on Western Blot.Purification:Affnity PurifiedTarget:PTGES2FacetPTGES2Target:PTGES2PTGES2PTGES2Target:PTGES2PTGES2PTGES2. It was validated on Western Blot.Purification:Affnity PurifiedTarget:PTGES2 (PTGES2 Products) | Overview | |
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| Target Details Target: PTGES2 | Characteristics: | This is a rabbit polyclonal antibody against PTGES2. It was validated on Western Blot. |
| Target: PTGES2 | Purification: | Affinity Purified |
| | Target Details | |
| Alternative Name: PTGES2 (PTGES2 Products) | Target: | PTGES2 |
| | Alternative Name: | PTGES2 (PTGES2 Products) |

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Target Details

| 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. |
| | Alias Symbols: C9orf15, FLJ14038, GBF1, MGC11289, PGES2, mPGES-2, GBF-1 |
| | Protein Interaction Partner: C1orf189, SUMO2, PTGES2, HTT, UBC, UQCR11, MYC, H2AFX, |
| | EXOSC10, PTGFR, CEBPB, |
| | Protein Size: 186 |
| Molecular Weight: | 21 kDa |
| Gene ID: | 80142 |
| NCBI Accession: | NM_198938, NP_945176 |
| UniProt: | A6NHH0 |
| Pathways: | Interferon-gamma Pathway, Cell RedoxHomeostasis, SARS-CoV-2 Protein Interactome |

Application Details

| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
|--------------------|--|
| Comment: | Antigen size: 186 AA |
| Restrictions: | For Research Use only |

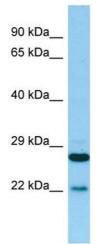
Handling

| Format: | Liquid |
|--------------------|--|
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in smal |

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aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-PTGES2 Antibody Titration: 1.0 ug/ml Positive Control: 721_B Whole Cell PTGES2 is supported by BioGPS gene expression data to be expressed in 721_B

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