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Datasheet for ABIN1944827

anti-Prostacyclin Receptor antibody

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Overview

Quantity:	100 µg
Target:	Prostacyclin Receptor (PTGIR)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Prostacyclin Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Isotype: IgG1

Target Details

Target:	Prostacyclin Receptor (PTGIR)
Alternative Name:	Prostacyclin Receptor (PTGIR Products)
Background:	Receptor for prostacyclin (prostaglandin I2 or PGI2). The activity of this receptor is mediated by G(s) proteins which activate adenylate cyclase.
Molecular Weight:	40956 Da
Gene ID:	5739
UniProt:	P43119
Pathways:	cAMP Metabolic Process , Platelet-derived growth Factor Receptor Signaling , Thromboxane A2

Target Details

[Receptor Signaling](#)

Application Details

Application Notes: IF: 1:100. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: **WARNING:** Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

Storage: 4 °C, -20 °C

Publications

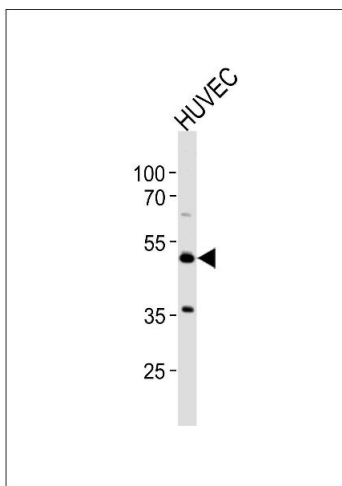
Product cited in: Yahata, Takedatsu, Dunwoodie, Bragança, Swingler, Withington, Hur, Coser, Isselbacher, Bhattacharya, Shioda: "Cloning of mouse Cited4, a member of the CITED family p300/CBP-binding transcriptional coactivators: induced expression in mammary epithelial cells." in: **Genomics**, Vol. 80, Issue 6, pp. 601-13, (2002) ([PubMed](#)).

Meier, Koedood, Philipp, Fontana, Mitchell: "Alternative mRNAs encode multiple isoforms of transcription factor AP-2 during murine embryogenesis." in: **Developmental biology**, Vol. 169, Issue 1, pp. 1-14, (1995) ([PubMed](#)).

Moser, Pscherer, Bauer, Imhof, Seegers, Kerscher, Buettner: "The complete murine cDNA sequence of the transcription factor AP-2." in: **Nucleic acids research**, Vol. 21, Issue 20, pp. 4844, (1993) ([PubMed](#)).

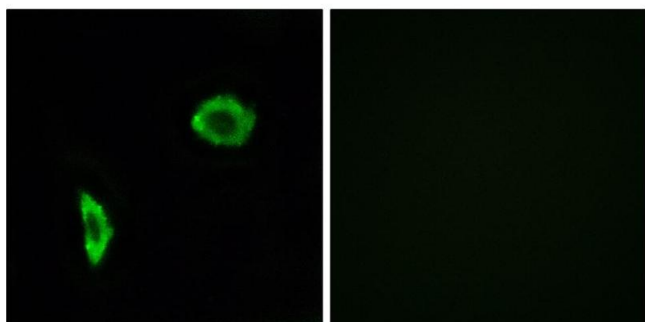
Mitchell, Timmons, Hébert, Rigby, Tjian: "Transcription factor AP-2 is expressed in neural crest cell lineages during mouse embryogenesis." in: **Genes & development**, Vol. 5, Issue 1, pp. 105-19, (1991) ([PubMed](#)).

Images



Western Blotting

Image 1. Western blot analysis of lysates from HUVEC cell line, using Prostacyclin Receptor Antibody (ABIN486602 and ABIN1535983). ABIN486602 and ABIN1535983 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 μ g.



Immunofluorescence

Image 2. Immunofluorescence analysis of LOVO cells, using Prostacyclin Receptor antibody.