

Product datasheet

Anti-PDGFAA + PDGFBB antibody ab50201

1 References

製品の概要

製品名	Anti-PDGFAA + PDGFBB antibody
製品の詳細	Goat polyclonal to PDGFAA + PDGFBB
由来種	Goat
特異性	The antibody reacts with PKBa. It may recognize the PKBβ isoform. The sequence is identical in mouse, rat, and bovine PKBa, highly conserved in PKBβ, and diverges in the PKB? isoform.
アプリケーション	適用あり: WB, Neutralising, Indirect ELISA
種交差性	交差種: Human
免疫原	Natural human PDGF
ポジティブ・コントロール	PDGF-responsive NR6R-3T3 fibroblasts.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
バッファー	Preservative: None Constituents: PBS
精製度	Protein G purified
特記事項 (精製)	IgG fraction of antiserum purified using protein G affinity chromatography.
ポリモノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab50201** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		

アプリケーション	Abreviews	特記事項
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Neutralising

Indirect ELISA

追加情報

I-ELISA: Use at a concentration of 0.25 µg/ml.

Neut: Use at an assay dependent dilution.

WB: Use at a concentration of 1 µg/ml.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

ターゲット情報

機能

Platelet-derived growth factor is a potent mitogen for cells of mesenchymal origin. Binding of this growth factor to its receptor elicits a variety of cellular responses. It is released by platelets upon wounding and plays an important role in stimulating adjacent cells to grow and thereby heals the wound.

組織特異性

Expressed at high levels in the heart, brain (substantia nigra), placenta and fetal kidney.

Expressed at moderate levels in the brain (hippocampus), skeletal muscle, kidney and lung.

関連疾患

Note=A chromosomal aberration involving PDGFB is found in dermatofibrosarcoma protuberans. Translocation t(17;22)(q22;q13) with PDGF.

配列類似性

Belongs to the PDGF/VEGF growth factor family.

細胞内局在

Secreted.

製品の状態

PDGFB is a member of the platelet-derived growth factor family. The four members of this family are mitogenic factors for cells of mesenchymal origin and are characterized by a motif of eight cysteines. PDGFB can exist either as a homodimer (PDGF-BB) or as a heterodimer with the platelet-derived growth factor alpha polypeptide (PDGF-AB), where the dimers are connected by disulfide bonds. Mutations in this gene are associated with meningioma. Secreted.

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