


Anti-ADAM17 antibody ab28233

★★★★☆ **5 Abreviews** **5 References**

製品の概要

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| 製品名 | Anti-ADAM17 antibody |
| 製品の詳細 | Rabbit polyclonal to ADAM17 |
| 由来種 | Rabbit |
| アプリケーション | 適用あり: IP, ICC/IF, WB |
| 種交差性 | 交差種: Rat, Human, Pig 交差が予測される動物種: Mouse  |
| 免疫原 | Synthetic peptide based on the amino end of the catalytic domain of human ADAM-17. Immunogen の所有権に関して (Peptide available as ab41216 .) |
| 特記事項 | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> |

製品の特性

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| 製品の状態 | Liquid |
| 保存方法 | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| バッファー | Preservative: 0.05% Sodium azide Constituent: 50% Glycerol |
| 精製度 | Immunogen affinity purified |
| 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

The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab28233の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|--|
| IP | ★★★★★ (1) | Use at an assay dependent concentration. |
| ICC/IF | ★★★★★ (1) | Use at an assay dependent concentration. |
| WB | ★★★★★ (2) | Use at an assay dependent concentration. Predicted molecular weight: 93 kDa. ab28233 recognizes a 120 kDa band in reduced Western blots of conditioned media or cell lysates, which is converted to a 55-60 kDa band. EDTA/EGTA treatment of tissues or lysates is required to see latent zymogen. Note: 1/1,000 when using colorimetric substrates such as BCIP/NBT, and 1/5,000 for |

ターゲット情報

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| 機能 | Cleaves the membrane-bound precursor of TNF-alpha to its mature soluble form. Responsible for the proteolytical release of soluble JAM3 from endothelial cells surface. Responsible for the proteolytic release of several other cell-surface proteins, including p75 TNF-receptor, interleukin 1 receptor type II, p55 TNF-receptor, transforming growth factor-alpha, L-selectin, growth hormone receptor, MUC1 and the amyloid precursor protein. Also involved in the activation of Notch pathway. |
| 組織特異性 | Ubiquitously expressed. Expressed at highest levels in adult heart, placenta, skeletal muscle, pancreas, spleen, thymus, prostate, testes, ovary and small intestine, and in fetal brain, lung, liver and kidney. |
| 配列類似性 | Contains 1 disintegrin domain. Contains 1 peptidase M12B domain. |
| ドメイン | Must be membrane anchored to cleave the different substrates. The cytoplasmic domain is not required for the this activity. Only the catalytic domain is essential to shed TNF and p75 TNFR. The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme. |
| 翻訳後修飾 | The precursor is cleaved by a furin endopeptidase. Phosphorylated. Stimulation by growth factor or phorbol 12-myristate 13-acetate induces phosphorylation of Ser-819 but decreases phosphorylation of Ser-791. |
| 細胞内局在 | Membrane. |

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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