

Anti-IRS1 antibody [EP260Y] ab46800

リコンビナント **RabMAb**

16 References [画像数 2](#)

製品の概要

製品名	Anti-IRS1 antibody [EP260Y]
製品の詳細	Rabbit monoclonal [EP260Y] to IRS1
由来種	Rabbit
アプリケーション	適用あり: WB 適用なし: Flow Cyt, ICC/IF, IHC-P or IP
種交差性	交差種: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: His-tagged human IRS1 recombinant protein (aa801-1020)
特記事項	<p>This antibody was re-validated and was confirmed to recognize total IRS1. The name was changed from Anti-IRS1 (phospho Y896) antibody [EP260Y] to Anti-IRS1 antibody [EP260Y] on May 1st, 2018.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル

クローン名 EP260Y
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ab46800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確認ください。

アプリケーション	Abreviews	特記事項
WB		1/10000. Predicted molecular weight: 27 kDa.

追加情報 Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

ターゲット情報

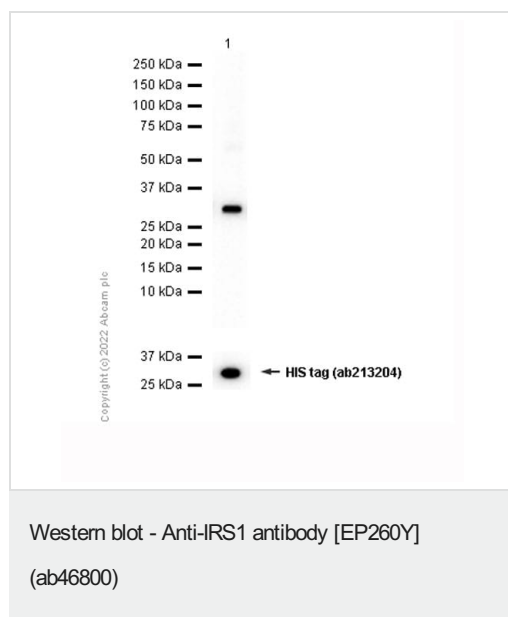
機能 May mediate the control of various cellular processes by insulin. When phosphorylated by the insulin receptor binds specifically to various cellular proteins containing SH2 domains such as phosphatidylinositol 3-kinase p85 subunit or GRB2. Activates phosphatidylinositol 3-kinase when bound to the regulatory p85 subunit.

関連疾患 Polymorphisms in IRS1 may be involved in the etiology of non-insulin-dependent diabetes mellitus (NIDDM) [MIM:125853].

配列類似性 Contains 1 IRS-type PTB domain.
Contains 1 PH domain.

翻訳後修飾 Serine phosphorylation of IRS1 is a mechanism for insulin resistance. Ser-312 phosphorylation inhibits insulin action through disruption of IRS1 interaction with the insulin receptor. Phosphorylation of Tyr-896 is required for GRB2-binding.

画像



Anti-IRS1 antibody [EP260Y] (ab46800) at 1/10000 dilution + His-tagged human IRS1 recombinant protein (aa801-1020), 10 ng

Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution





Predicted band size: 27 kDa

Exposure time: 1 second

Blocking and diluting buffer and concentration: 5%
NFDM/TBST.

Primary and secondary antibodies incubated for 1hr at room temperature.

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-IRS1 antibody [EP260Y] (ab46800)

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