




Anti-Glutamine Synthetase antibody ab49873

★★★★★ [12 Abreviews](#) [65 References](#) [画像数 1](#)

製品の概要

製品名	Anti-Glutamine Synthetase antibody
製品の詳細	Rabbit polyclonal to Glutamine Synthetase
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: Rat 交差が予測される動物種: Chicken, Hamster, Cow, Dog, Human, Pig, Cynomolgus monkey 
免疫原	Synthetic peptide corresponding to Mouse Glutamine Synthetase aa 357-373 (C terminal). Sequence: RTCLLNETGDEPFQYKN Database link: P09606 <div>  Run BLAST with  Run BLAST with </div>
ポジティブ・コントロール	WB: Rat brain whole extract.
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

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 or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.097% Sodium azide Constituent: 0.0268% PBS
精製度	Ion Exchange Chromatography

特記事項 (精製)	Whole antiserum is fractionated and then further purified by ion-exchange chromatography to provide the IgG fraction of antiserum that is essentially free of other rabbit serum proteins.
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

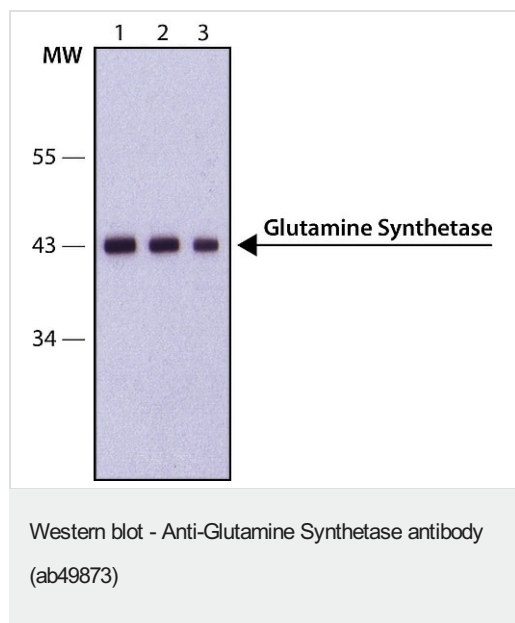
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 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/10000. Predicted molecular weight: 42 kDa.

ターゲット情報

機能	This enzyme has 2 functions: it catalyzes the production of glutamine and 4-aminobutanoate (gamma-aminobutyric acid, GABA), the latter in a pyridoxal phosphate-independent manner (By similarity). Essential for proliferation of fetal skin fibroblasts.
関連疾患	Defects in GLUL are the cause of congenital systemic glutamine deficiency (CSGD) [MIM:610015]. CSGD is a rare developmental disorder with severe brain malformation resulting in multi-organ failure and neonatal death. Glutamine is largely absent from affected patients serum, urine and cerebrospinal fluid.
配列類似性	Belongs to the glutamine synthetase family.
発生段階	Expressed during early fetal stages.
細胞内局在	Cytoplasm. Mitochondrion.

画像



Lane 1 : Anti-Glutamine Synthetase antibody (ab49873) at 1/5000 dilution

Lane 2 : Anti-Glutamine Synthetase antibody (ab49873) at 1/10000 dilution

Lane 3 : Anti-Glutamine Synthetase antibody (ab49873) at 1/20000 dilution

All lanes : Rat brain whole extract

Secondary

All lanes : Goat Anti-Rabbit IgG-Peroxidase

Predicted band size: 42 kDa

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