


Anti-Glutamine Synthetase antibody ab93439

★★★★★ [3 Abreviews](#) [4 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: Mouse, Rat 交差が予測される動物種: Chicken, Cow, Dog, Human, Pig, Zebrafish, Cynomolgus monkey, Chinese hamster 
免疫原	Synthetic peptide corresponding to Mouse Glutamine Synthetase aa 50-150 conjugated to keyhole limpet haemocyanin. (Peptide available as ab103264)
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: 0.02% Sodium azide Constituent: PBS
精製度	Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help. 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ab93439の使用に適用されます

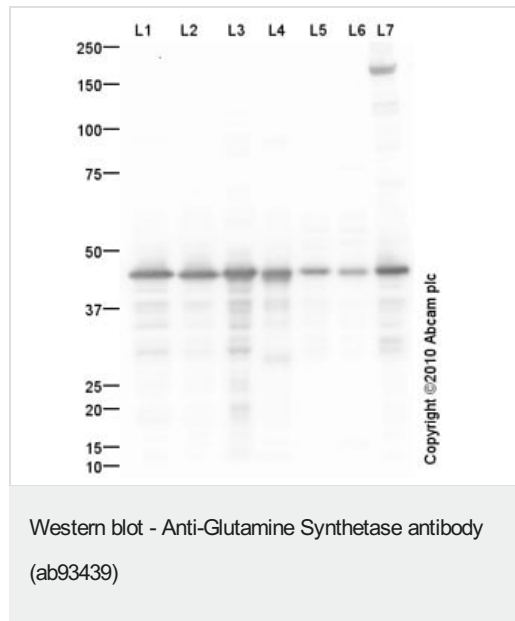
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 45 kDa (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



All lanes : Anti-Glutamine Synthetase antibody (ab93439) at 1 µg/ml

- Lane 1 : Brain (Mouse) Tissue Lysate

Lane 2 : Brain (Rat) Tissue Lysate

Lane 3 : Cerebellum (Mouse) Tissue Lysate

Lane 4 : Cerebellum (Rat) Tissue Lysate

Lane 5 : Kidney (Mouse) Tissue Lysate

Lane 6 : Kidney (Rat) Tissue Lysate

Lane 7 : Liver (Mouse) Tissue Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed

(**ab97080**) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 42 kDa

Observed band size: 45 kDa

Additional bands at: 200 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 30 seconds

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

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