

Anti-EEF2/Elongation factor 2 (phospho T56) antibody ab53114

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製品の概要

製品名	Anti-EEF2/Elongation factor 2 (phospho T56) antibody
製品の詳細	Rabbit polyclonal to EEF2/Elongation factor 2 (phospho T56)
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Mouse, Human
免疫原	Synthetic peptide corresponding to Human EEF2/Elongation factor 2 aa 1-100 (phospho T56). Database link: P13639
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 -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS
精製度	Without Mg+2 and Ca+2
特記事項(精製)	Immunogen affinity purified
ポリ/モノ	ab53114 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
アイソタイプ	ポリクローナル IgG

アプリケーション

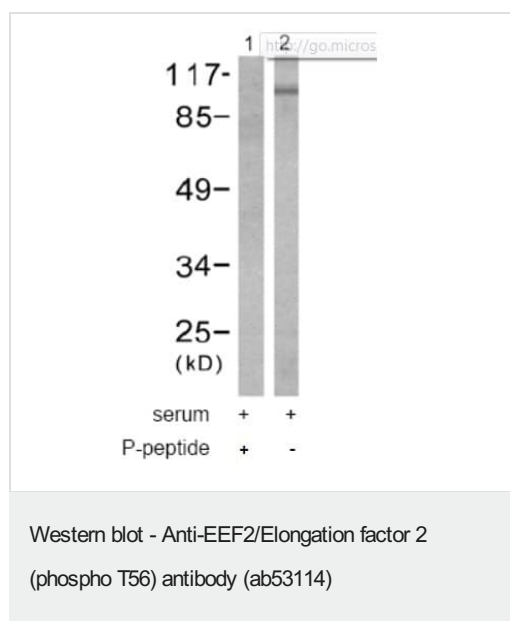
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab53114の使用に適用されず
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		1/300 - 1/1000. Detects a band of approximately 95 kDa (predicted molecular weight: 95 kDa).
IHC-P		Use at an assay dependent concentration.

ターゲット情報

機能	Catalyzes the GTP-dependent ribosomal translocation step during translation elongation. During this step, the ribosome changes from the pre-translocational (PRE) to the post-translocational (POST) state as the newly formed A-site-bound peptidyl-tRNA and P-site-bound deacylated tRNA move to the P and E sites, respectively. Catalyzes the coordinated movement of the two tRNA molecules, the mRNA and conformational changes in the ribosome.
配列類似性	Belongs to the GTP-binding elongation factor family. EF-G/EF-2 subfamily.
翻訳後修飾	Phosphorylation by EF-2 kinase completely inactivates EF-2. Diphthamide is 2-[3-carboxyamido-3-(trimethyl-ammonio)propyl]histidine. Diphthamide can be ADP-ribosylated by diphtheria toxin and by Pseudomonas exotoxin A, thus arresting protein synthesis. ISGylated.
細胞内局在	Cytoplasm.

画像



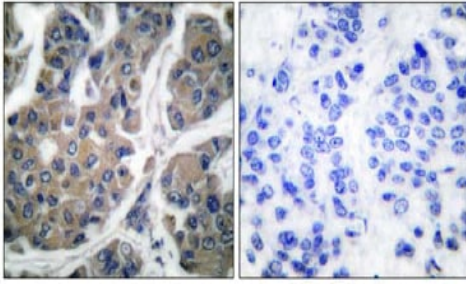
All lanes : Anti-EEF2/Elongation factor 2 (phospho T56) antibody (ab53114) at 1/300 dilution

Lane 1 : Extract from NIH 3T3 cells treated with serum (10%, 30mins) with Immunising peptide

Lane 2 : Extract from NIH 3T3 cells treated with serum (10%, 30mins)

Predicted band size: 95 kDa

Observed band size: 95 kDa



P-peptide - +

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EEF2/Elongation factor 2 (phospho T56) antibody (ab53114)

ab53114 at 1/50 dilution staining EEf2/Elongation factor 2 in human breast carcinoma by Immunohistochemistry, Paraffin embedded tissue, in the absence and presence of the immunising peptide.

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