

Anti-DYRK1A antibody ab65220

★★★★★ [3 Abreviews](#) [2 References](#) [画像数 2](#)

製品の概要

製品名	Anti-DYRK1A antibody
製品の詳細	Rabbit polyclonal to DYRK1A
由来種	Rabbit
アプリケーション	適用あり: ICC/IF, WB
種交差性	交差種: Human
免疫原	Synthetic peptide corresponding to Human DYRK1A aa 21-70 (internal sequence). Database link: Q13627
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	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride</p> <p>Without Mg²⁺ and Ca²⁺</p>
精製度	Immunogen affinity purified
特記事項 (精製)	ab65220 was affinity purified from rabbit antiserum by affinity chromatography using epitope specific immunogen.
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

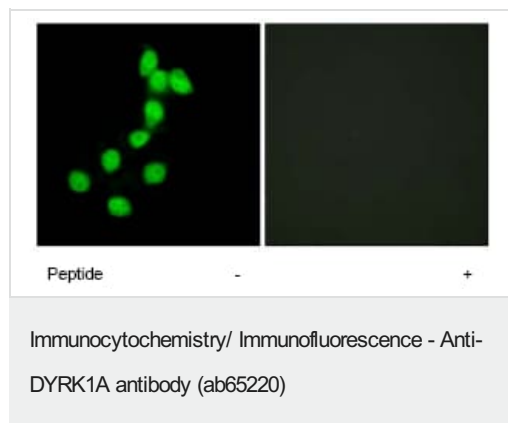
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab65220の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF		1/500 - 1/1000.
WB	★★★★★ (2)	1/500 - 1/1000. Detects a band of approximately 86 kDa (predicted molecular weight: 86 kDa).

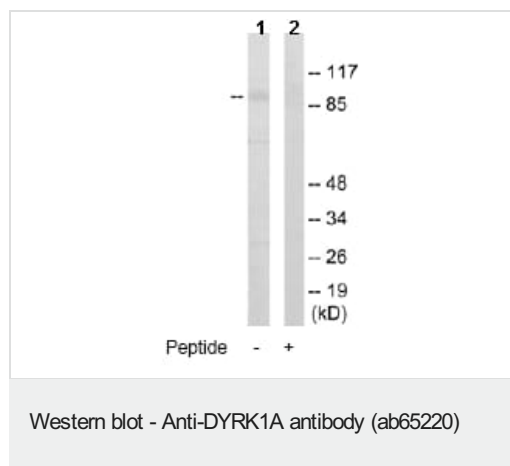
ターゲット情報

機能	May play a role in a signaling pathway regulating nuclear functions of cell proliferation. Phosphorylates serine, threonine and tyrosine residues in its sequence and in exogenous substrates.
組織特異性	Ubiquitous. Highest levels in skeletal muscle, testis, fetal lung and fetal kidney.
関連疾患	Defects in DYRK1A are the cause of mental retardation autosomal dominant type 7 (MRD7) [MIM:614104]. A disease characterized by primary microcephaly, severe mental retardation without speech, anxious autistic behavior, and dysmorphic features, including bitemporal narrowing, deep-set eyes, large simple ears, and a pointed nasal tip. Mental retardation is characterized by significantly below average general intellectual functioning associated with impairments in adaptative behavior and manifested during the developmental period.
配列類似性	Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MNB/DYRK subfamily. Contains 1 protein kinase domain.
発生段階	Expressed in the developing central nervous system. Overexpressed 1.5-fold in fetal Down syndrome brain.
ドメイン	The polyhistidine repeats act as targeting signals to nuclear speckles (PubMed:19266028).
翻訳後修飾	Autophosphorylated on tyrosine residues.
細胞内局在	Nucleus speckle.

画像



ab65220, at a 1/500 dilution, staining DYRK1A in HepG2 cells by Immunofluorescence, in the absence or presence of the immunising peptide.



All lanes : Anti-DYRK1A antibody (ab65220) at 1/500 dilution

Lane 1 : HepG2 cell extract

Lane 2 : HepG2 cell extract with immunising peptide at 10 µg

Lysates/proteins at 5 µg per lane.

Predicted band size: 86 kDa

Observed band size: 86 kDa

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