Datasheet for ABIN3030779

anti-DYRK1B antibody (AA 561-589)

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Overview

Quantity:	0.4 mL
Target:	DYRK1B
Binding Specificity:	AA 561-589
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DYRK1B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 561-589 from the human protein was used as the immunogen for this DYRK1B antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	DYRK1B
Alternative Name:	DYRK1B (DYRK1B Products)
Background:	DYRK1B is a member of the DYRK family of protein kinases. DYRK1B contains a bipartite nuclear localization signal and is found mainly in muscle and testis. The protein is proposed to be involved in the regulation of nuclear functions. Three isoforms of DYRK1B have been

Target Details

	identified differing in the presence of two alternatively spliced exons within the catalytic domain.
UniProt:	Q9Y463

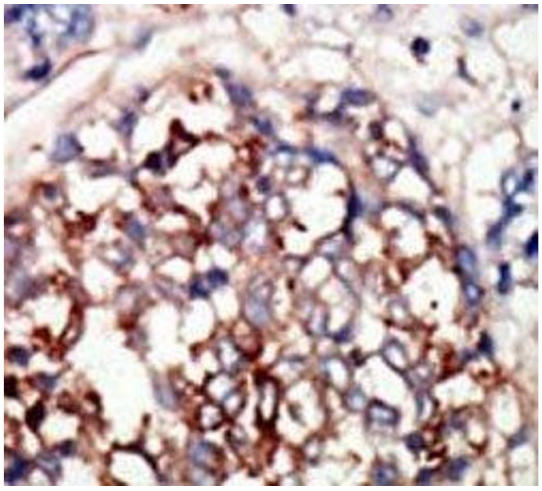
Application Details

Application Notes:	Titration of the DYRK1B antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100
Restrictions:	For Research Use only

Handling

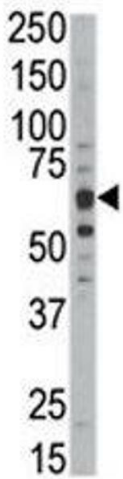
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the DYRK1B antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



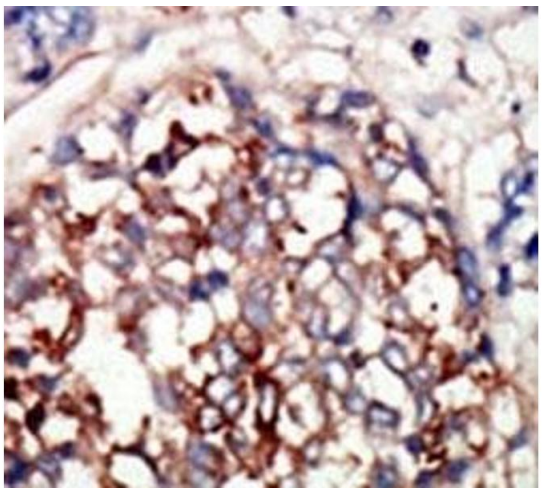
Immunohistochemistry

Image 1. IHC analysis of FFPE human hepatocarcinoma tissue stained with the DYRKB antibody



Western Blotting

Image 2. Western blot analysis of DYRKB antibody and mouse kidney tissue lysate. Predicted molecular weight :64-75 kDa (isoforms 1-3).



Immunohistochemistry

Image 3. IHC analysis of FFPE human hepatocarcinoma tissue stained with the DYRKB antibody

