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Datasheet for ABIN6261792

anti-FOXJ3 antibody (C-Term)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	FOXJ3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXJ3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human FOXJ3, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	FOXJ3 Antibody detects endogenous levels of total FOXJ3.
Predicted Reactivity:	Pig,Zebrafish,Horse,Sheep,Rabbit,Dog,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	FOXJ3
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Target Details

Alternative Name:	FOXJ3 (FOXJ3 Products)
Background:	Description: Transcriptional activator of MEF2C involved in the regulation of adult muscle fiber type identity and skeletal muscle regeneration. Gene: FOXJ3
Molecular Weight:	68kDa
Gene ID:	22887
UniProt:	Q9UPW0

Application Details

Application Notes:	IHC 1:50-1:200, WB 1:1000, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

Publications

Product cited in: Zhang, Wang, Han: "MicroRNA-34a inhibits liver cancer cell growth by reprogramming glucose metabolism." in: **Molecular medicine reports**, Vol. 17, Issue 3, pp. 4483-4489, (2018) ([PubMed](#)).

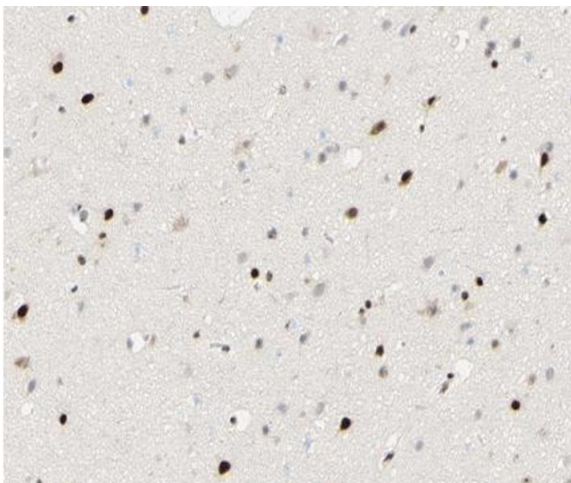
Zhang, Song, Sun, Li, Chen, Yang, Xing: "AMPK/GSK3 β / β -catenin cascade-triggered

overexpression of CEMIP promotes migration and invasion in anoikis-resistant prostate cancer cells by enhancing metabolic reprogramming." in: **FASEB journal : official publication of the Federation of American Societies for Experimental Biology**, Vol. 32, Issue 7, pp. 3924-3935, (2018) ([PubMed](#)).

Huang, Li, Xie, Ye, Chen, Song, Tang, Xie: "High expressions of LDHA and AMPK as prognostic biomarkers for breast cancer." in: **Breast (Edinburgh, Scotland)**, Vol. 30, pp. 39-46, (2017) ([PubMed](#)).

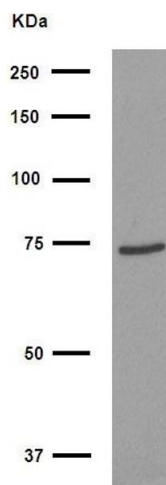
Xiao, Huang, Ye, Chen, Song, Wen, Zhang, Zheng, Tang, Xie: "The miR-34a-LDHA axis regulates glucose metabolism and tumor growth in breast cancer." in: **Scientific reports**, Vol. 6, pp. 21735, (2016) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. ABIN6266895 at 1/100 staining human brain tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



Western Blotting

Image 2. Western blot analysis of FOXJ3 Antibody expression in HepG2 cells lysates.