

Anti-YRDC antibody

Cat. No.	ml262657
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-YRDC rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human YRDC
Reactivity	Human, Mouse, Rat
Content	1 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	YRDC
Full name	yrDC N(6)-threonylcarbamoyltransferase domain containing

Synonyms IRIP; SUA5; DRIP3

Swissprot Q86U90

Target Background

YrdC (yrdC domain containing protein), also known as IRIP (ischemia/reperfusion-inducible protein homolog), SUA5 or DRIP3 (dopamine receptor-interacting protein 3), is a 279 amino acid ubiquitously expressed protein found at highest levels in brain, liver and pancreas. A member of the SUA5 family, yrdC is involved in certain aspects of transporter activity, such as the regulation of efflux transporter activity and cargo assembly. YrdC is a peripheral membrane protein that contains one yrdC-like domain, interacts with RSC1A1 and localizes to mitochondrial and plasma membranes.

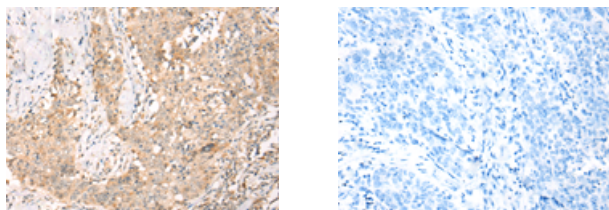
Applications

Immunohistochemistry

Predicted cell location: Cell membrane

Positive control: Human esophagus cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml262657(YRDC Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)

Western blotting

Predicted band size: 29 kDa

Positive control: Mouse stomach tissue

Recommended dilution: 500-2000

Gel: 12%SDS-PAGE

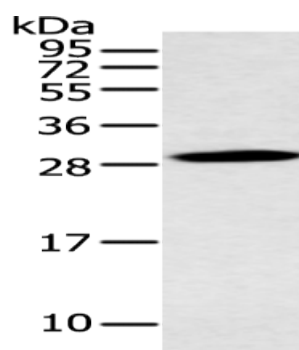
Lysate: 40 µg

Lane: Mouse stomach tissue

Primary antibody: ml262657(YRDC Antibody) at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



ELISA

Recommended dilution: 2000-5000

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