

Datasheet for ABIN387849
anti-DYKDDDDK Tag antibody



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Overview

Quantity:	200 µL
Target:	DYKDDDDK Tag
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DYKDDDDK Tag antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide (CDYKDDDDKDYKDDDDK) was used as antigen.
Sequence:	DYKDDDDK
Clone:	RB0493
Isotype:	IgG
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	DYKDDDDK Tag
Abstract:	DYKDDDDK Tag Products
Target Type:	Tag
Background:	Epitope tags are useful for the labeling and detection of recombinant proteins using western

Target Details

blotting, immunoprecipitation and immunostaining techniques. The eight amino acid DYKDDDDK peptide is an established and multi-functional epitope tag and can be expressed and detected with a recombinant protein as an amino-terminal or carboxy-terminal fusion (1). Abgent's DYKDDDDK antibody binds to the same epitope recognized by Sigma's Anti-FLAG antibodies. (FLAG is a registered trademark of Sigma-Aldrich Co., which is not affiliated with Abgent).

Application Details

Application Notes: WB: 1:2000. WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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: 4 °C, -20 °C

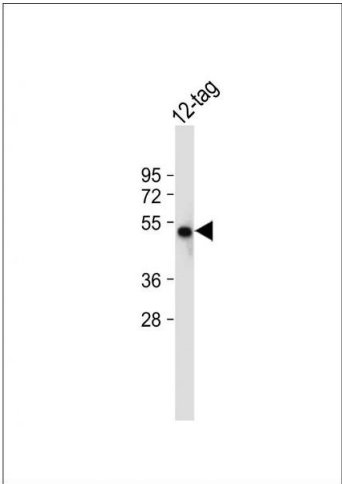
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months

Publications

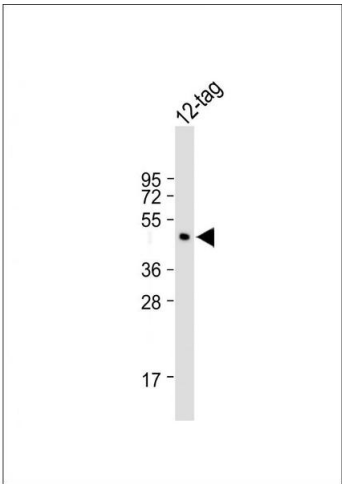
Product cited in: Xiao, Gao, Hou, Xu, Chang, Wang, Hu, He, Luo, Wang, Peng, Tang, Zhu, Xiong: "Chromatin-remodelling factor Brg1 regulates myocardial proliferation and regeneration in zebrafish." in: **Nature communications**, Vol. 7, pp. 13787, (2018) ([PubMed](#)).

Al-Sady, Greenstein, El-Samad, Braun, Madhani: "Sensitive and Quantitative Three-Color Protein Imaging in Fission Yeast Using Spectrally Diverse, Recoded Fluorescent Proteins with Experimentally-Characterized In Vivo Maturation Kinetics." in: **PLoS ONE**, Vol. 11, Issue 8, pp. e0159292, (2017) ([PubMed](#)).



Western Blotting

Image 1. Anti-Tag-FLAG. 2x at 1:2000 dilution + 12-tag lysate Lysates/proteins at 20 ng per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 50 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 2. All lanes : Anti-FLAG tag antibody (DYKDDDDK) at 1:2000 dilution Lane 1: 12-tag recombinant protein Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Observed band size : 50 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.