Datasheet for ABIN7260535

anti-14-3-3 theta antibody

2 Images

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Overview

Quantity:	200 µL
Target:	14-3-3 theta (YWHAQ)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This 14-3-3 theta antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human YWHAQ (NP_006817.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	14-3-3 theta (YWHAQ)
Alternative Name:	YWHAQ (YWHAQ Products)
Background:	This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 99 % identical to the mouse and rat orthologs. This gene is upregulated in patients with amyotrophic lateral sclerosis. It contains in its 5' UTR

Target Details

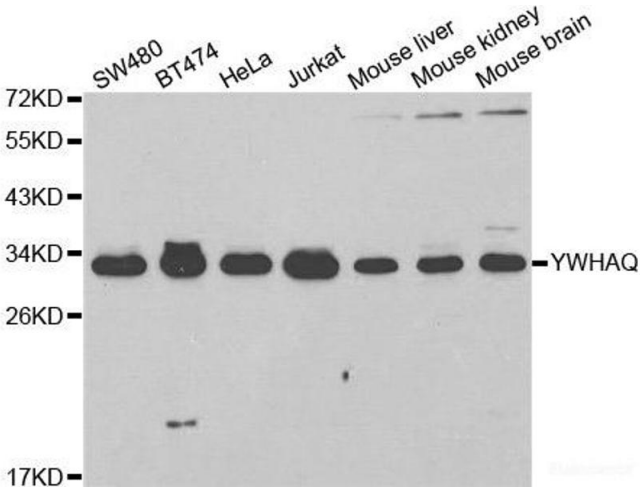
	a 6 bp tandem repeat sequence which is polymorphic, however, there is no correlation between the repeat number and the disease.
Molecular Weight:	Observed_MW: 32 kDa Calculated_MW: 27 kDa
Gene ID:	10971
UniProt:	P27348
Pathways:	Apoptosis, Myometrial Relaxation and Contraction

Application Details

Application Notes:	WB 1:500-1:2000 IF 1:50-1:100
Restrictions:	For Research Use only

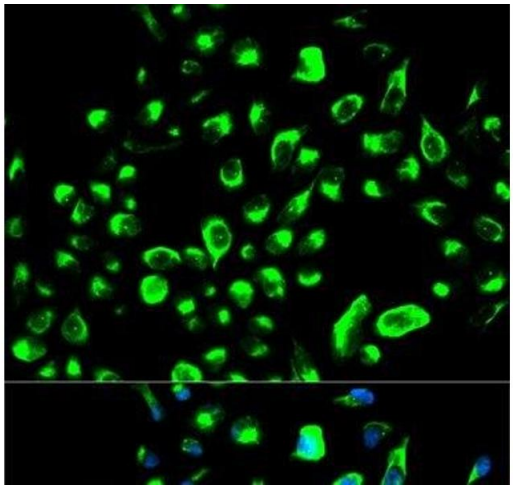
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines using YWHAQ Polyclonal Antibody at dilution of 1:1000.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells using YWHAQ Polyclonal Antibody

