

Datasheet for ABIN2463667
anti-14-3-3 theta antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	14-3-3 theta (YWHAQ)
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This 14-3-3 theta antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human YWHAQ.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	14-3-3 theta (YWHAQ)
Alternative Name:	YWHAQ (YWHAQ Products)
Background:	YWHAQ 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. This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-

Target Details

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 a 6 bp tandem repeat sequence which is polymorphic, however, there is no correlation between the repeat number and the disease.

Molecular Weight: 28 kDa

Gene ID: 10971

NCBI Accession: [NP_006817](#)

UniProt: [P27348](#)

Pathways: [Apoptosis, Myometrial Relaxation and Contraction](#)

Application Details

Application Notes: YWHAQ antibody can be used for detection of YWHAQ by ELISA at 1:312500. YWHAQ antibody can be used for detection of YWHAQ by western blot at 1.0 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.

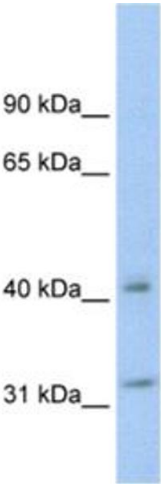
Concentration: 1 mg/mL

Buffer: Antibody is lyophilized in PBS buffer with 2 % sucrose.

Handling Advice: As with any antibody avoid repeat freeze-thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store YWHAQ antibody at -20 °C.



Western Blotting

Image 1.