

Datasheet for ABIN7193435
anti-14-3-3 theta antibody (AA 1-245)[Go to Product page](#)

4 Images

Overview

| | |
|----------------------|---------------------------------------------|
| Quantity: | 0.1 mg |
| Target: | 14-3-3 theta (YWHAQ) |
| Binding Specificity: | AA 1-245 |
| Reactivity: | Human, Mouse, Rat, Monkey |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This 14-3-3 theta antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

Product Details

| | |
|---------------|--------------------------------------------------------------------------------|
| Immunogen: | Purified recombinant fragment of human YWHAQ (AA: 1-245) expressed in E. coli. |
| Clone: | 5C4E7 |
| Isotype: | IgG1 |
| Purification: | purified |

Target Details

| | |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target: | 14-3-3 theta (YWHAQ) |
| Alternative Name: | YWHAQ (YWHAQ Products) |
| Background: | Description: 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 |

Target Details

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. [provided by RefSeq, Jul 2008]
Aliases: 1C5, HS1, 14-3-3

Molecular Weight: 27.8 kDa

Gene ID: 10971

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

Application Details

Application Notes: WB:1:500 - 1:2000, ELISA:1:10000,

Restrictions: For Research Use only

Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide

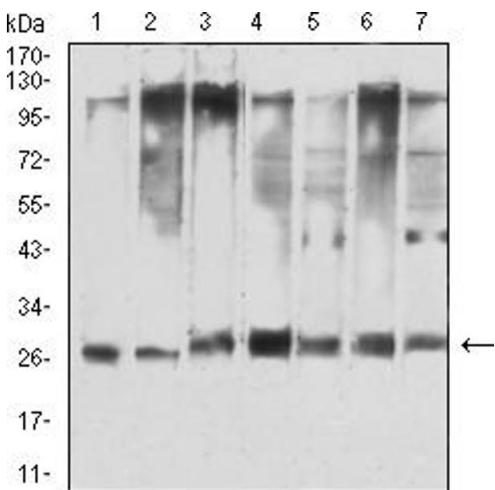
Preservative: Sodium azide

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

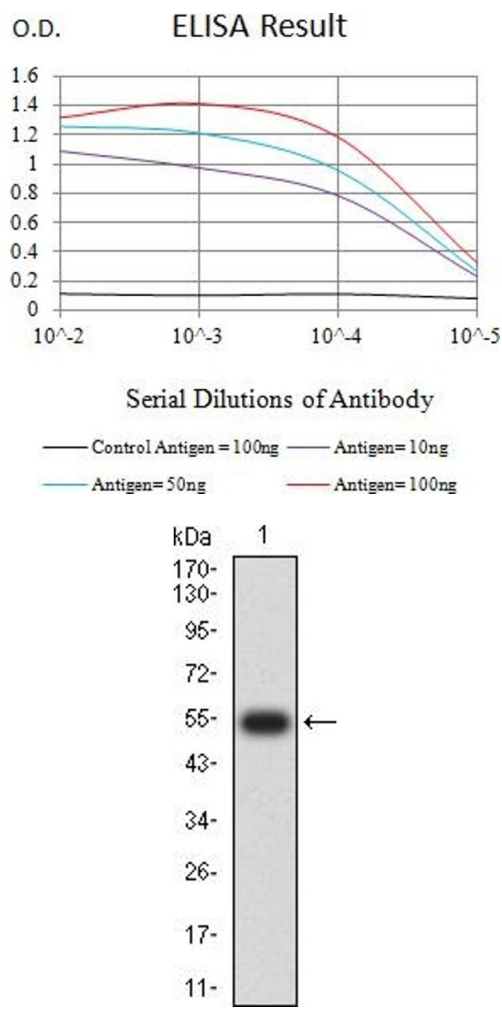
Storage Comment: 4°C, -20°C for long term storage

Images



Western Blotting

Image 1. Western blot analysis using YWHAQ mouse mAb against Hela (1), NIH/3T3 (2), C6 (3), A549 (4), COS7 (5), PC-12 (6), and HEK293 (7) cell lysate.



ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

Western Blotting

Image 3. Western blot analysis using YWHAQ mAb against human YWHAQ (AA: 1-245) recombinant protein. (Expected MW is 54.6 kDa)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7193435.