

Datasheet for ABIN337475

**anti-14-3-3 theta antibody (pSer)**[Go to Product page](#)

## Overview

|                      |                                                                                                                     |
|----------------------|---------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                              |
| Target:              | 14-3-3 theta (YWHAQ)                                                                                                |
| Binding Specificity: | pSer                                                                                                                |
| Reactivity:          | Synthetic                                                                                                           |
| Host:                | Rabbit                                                                                                              |
| Clonality:           | Polyclonal                                                                                                          |
| Conjugate:           | This 14-3-3 theta antibody is un-conjugated                                                                         |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP) |

## Product Details

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | Synthetic phospho- (Ser) 14-3-3-binding-motif peptides.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Isotype:      | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Specificity:  | Binds peptides and proteins containing a motif composed of phospho-Ser with proline at the +2 position and arginine or lysine at the -3 position. Antibody binding is phospho-specific and largely independent of other surrounding amino acids. Weakly cross-reacts with sequences containing phospho-Thr instead of phospho-Ser in this motif, with sequences containing phospho-Ser surrounded by Phe at the +1 position, with Arg/Lys at the -3 position. No cross-reactivity is observed with corresponding non-phosphorylated sequences or with other phospho- Thr/Ser/Tyr -containing motifs. |
| Purification: | Immunoaffinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

### Target Details

|                   |                                                                                   |
|-------------------|-----------------------------------------------------------------------------------|
| Target:           | 14-3-3 theta (YWHAQ)                                                              |
| Alternative Name: | 14-3-3 Binding Motif ( <a href="#">YWHAQ Products</a> )                           |
| Target Type:      | Amino Acid                                                                        |
| Pathways:         | <a href="#">Apoptosis</a> , <a href="#">Myometrial Relaxation and Contraction</a> |

### Application Details

|                    |                                               |
|--------------------|-----------------------------------------------|
| Application Notes: | ELISA (1:1000), IHC-P, IP (1:50), WB (1:1000) |
| Restrictions:      | For Research Use only                         |

### Handling

|         |                                                                                   |
|---------|-----------------------------------------------------------------------------------|
| Format: | Liquid                                                                            |
| Buffer: | 10 mM sodium HEPES, pH 7.5, 150 mM sodium chloride, 0.1 mg/mL BSA, 50 % glycerol. |