

## 32-6041: Mouse Anti Human Tyr-3/trp-5 Monooxygenase Activation Protein Theta(Clone: PAT1A1AT.)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	PAT1A1AT.
<b>Application :</b>	ELISA, WB
<b>Gene :</b>	EGFR
<b>Gene ID :</b>	1956
<b>Uniprot ID :</b>	P00533
<b>Format :</b>	Purified
<b>Alternative Name :</b>	14-3-3 theta, 14-3-3 tau, 14-3-3 T-cell, HS1, YWHAQ, 1C5, 14-3-3 Tau, Tyr-3/Trp- 5 Monooxygenase Activation Protein Theta.
<b>Isotype :</b>	Mouse IgG1 heavy chain and ? light chain.
<b>Immunogen Information :</b>	Anti-human YWHAQ mAb is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human YWHAQ amino acids 1-245 purified from E. coli.

### Description

The 14-3-3 family of proteins plays a key regulatory role in signal transduction, checkpoint control, apoptotic and nutrient-sensing pathways. 14-3-3 proteins are highly conserved and ubiquitously expressed. There are at least seven isoforms,  $\gamma$ ,  $\delta$ ,  $\epsilon$ ,  $\zeta$ ,  $\eta$ ,  $\theta$  and  $\tau$  that have been identified in mammals. The 14-3-3 tau, a subtype of the 14-3-3 family of proteins, was found in T Cells, brain and testes. This 14-3-3 tau is upregulated in patients with amyotrophic lateral sclerosis.

### Product Info

<b>Amount :</b>	20 $\mu$ g
<b>Purification :</b>	YWHAQ antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
<b>Content :</b>	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
<b>Storage condition :</b>	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

### Application Note

YWHAQ antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:1000 ~ 2000. Recommended starting dilution is 1:1000.