TSH3 Monoclonal Antibody

Catalog No	YP-mAb-06507
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	TSHZ3 KIAA1474 TSH3 ZNF537
Protein Name	Teashirt homolog 3 (Zinc finger protein 537)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	TSH3 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	118kD
Cell Pathway	Nucleus . Cell projection, growth cone . Colocalizes with APBB1 in axonal growth cone (By similarity). Colocalizes with APBB1 in the nucleus. .
Tissue Specificity	Expressed in brain; strongly reduced in post-mortem elderly subjects with Alzheimer disease (PubMed:18776146, PubMed:19343227). Expressed in the fetal neocortex (PubMed:27668656).
Function	function:Transcriptional regulator involved in developmental processes .,similarity:Belongs to the teashirt C2H2-type zinc-finger protein family.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 5 C2H2-type zinc fingers.,
Background	This gene encodes a zinc-finger transcription factor that regulates smooth muscle cell differentiation in the developing urinary tract. Consistent with this role, mice in which this gene has been inactivated exhibit abnormal gene expression in urinary tract smooth muscle cell precursors and kidney defects including hydronephrosis. The encoded transcription factor comprises a gene silencing complex that inhibits caspase expression. Reduced expression of this gene and consequent caspase upregulation may be correlated with progression of Alzheimer's disease in human patients. [provided by RefSeq, Jul 2016],

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images