



# TSH3 Polyclonal Antibody

<b>Catalog No</b>	BYab-06507
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	TSHZ3 KIAA1474 TSH3 ZNF537
<b>Protein Name</b>	Teashirt homolog 3 (Zinc finger protein 537)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	TSH3 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	118kD
<b>Cell Pathway</b>	Nucleus . Cell projection, growth cone . Colocalizes with APBB1 in axonal growth cone (By similarity). Colocalizes with APBB1 in the nucleus. .
<b>Tissue Specificity</b>	Expressed in brain; strongly reduced in post-mortem elderly subjects with Alzheimer disease (PubMed:18776146, PubMed:19343227). Expressed in the fetal neocortex (PubMed:27668656).
<b>Function</b>	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.,
<b>Background</b>	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

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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**