

Rabbit TSH2 Polyclonal Antibody | anti-TSHZ2 antibody

TSH2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284377	Rabbit	Human (Predicted Reactivity: Mouse, Pig)	Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

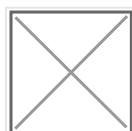
PRODUCT SYNONYMS

TSH2; Polyclonal Antibody; TSH2 Antibody (N-term); Teashirt homolog 2; Ovarian cancer-related protein 10-2; OVC10-2; Zinc finger protein 218; TSHZ2; C20orf17; ZNF218; anti-TSHZ2 antibody

PRODUCT SPECIFICATIONS

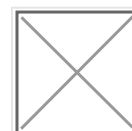
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Pig)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TSH2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 232-261 amino acids from the N-terminal region of human TSH2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	232-261
Sequence Length	1,031
Applicable Applications for anti-TSHZ2 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Fluorescent confocal image of U251 cell stained with TSH2 Antibody (N-term). U251 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with TSH2 primary antibody (1:25, 1 h at 37 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree). Nuclei were counterstained with DAPI (blue) (10 ug/ml, 10 min). TSH2 immunoreactivity is localized to Nucleus and Vesicles significantly.



FCM/FACS (Flow Cytometry)

TSH2 Antibody (N-term) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

**IHC (Immunohistochemistry)**

TSH2 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TSH2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

**WB (Western Blot)**

Western blot analysis of TSH2 Antibody (N-term) in CEM cell line lysates (35ug/lane). TSH2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-TSHZ2 antibody	TSH2 is transcriptional regulator involved in developmental processes (Potential).
References	Jenkins, D., et al. Nephrol. Dial. Transplant. 25(1):54-60(2010) Ganesh, S.K., et al. Nat. Genet. 41(11):1191-1198(2009) Gocke, C.B., et al. J. Biol. Chem. 280(6):5004-5012(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	301171536
NCBI GeneID	128553
NCBI Accession #	NP_001180350.1; NP_775756.3
NCBI GenBank Nucleotide #	NM_001193421.1
UniProt Accession #	Q9NRE2; Q4VXM4; Q6N003; Q8N260; B7Z7W1; J3KNQ0
Molecular Weight	115005
NCBI Official Full Name	teashirt homolog 2 isoform 2
NCBI Official Synonym Full Names	teashirt zinc finger homeobox 2
NCBI Official Symbol	TSHZ2
NCBI Official Synonym Symbols	TSH2; ZABC2; ZNF218; OVC10-2; C20orf17
NCBI Protein Information	teashirt homolog 2
UniProt Protein Name	Teashirt homolog 2
UniProt Gene Name	TSHZ2
UniProt Synonym Gene Names	C20orf17; TSH2; ZNF218; OVC10-2
UniProt Entry Name	TSH2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tsh2-antibody-immunofluorescence-flow-cytometry-immunohistochemistry-western-blot-elisa/284377>