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TSHR (vPair™) Antibodies

Cat#: R2806-vp

Lot#: Refer to vial

Predicted | Observed M.W.: 87 | 120, 75 kDa

Uniprot ID: P16473

Application: WB, IP

Quantity: 50 ul TSHR (M) (R2806-1) Rabbit Polyclonal Antibody &

50 ul TSHR (C) (R2806-2) Rabbit Polyclonal Antibody

Product Introduction:

vPair™ antibodies represent a pair of fully characterized antibodies that recognize two different regions of a target protein. The product is developed by Abiocode to address whether the signal observed truly represents the protein of interest, an often encountered issue in antibody-based assays. The use of a pair of fully characterized vPair™ antibodies in the same assay can validate signal specificity since vPair™ antibodies recognize two independent epitopes of the same protein. Different sets of vPair™ antibodies are developed at Abiocode to work with specific applications, including antibody arrays, Western blot, IP-Western, ChIP, IHC, and FACS.

Background:

Thyroid-stimulating hormone receptor (TSHR) is a membrane protein and a major controller of thyroid cell metabolism. TSHR is a receptor for thyrothrin and thyrostimulin, and its activity is mediated by adenylate cyclase. Defects in the TSHR gene are a cause of several types of hyperthyroidism. Three transcript variants encoding different isoforms have been found for this gene [provided by RefSeq].

Other Names:

Thyrotropin receptor, Thyroid-stimulating hormone receptor, TSH-R, LGR3

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with GST-fusion proteins containing either the middle [TSHR (M) (R2806-1)] or the C-terminal [TSHR (C) (R2806-2)] region of human TSHR. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

For research use only. Not for therapeutic or diagnostic purposes.
Abiocode, Inc., 29397 Agoura Rd., Ste 106, Agoura Hills, CA 91301

Species Specificity:

Human

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

IP: 1:100-1:200

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

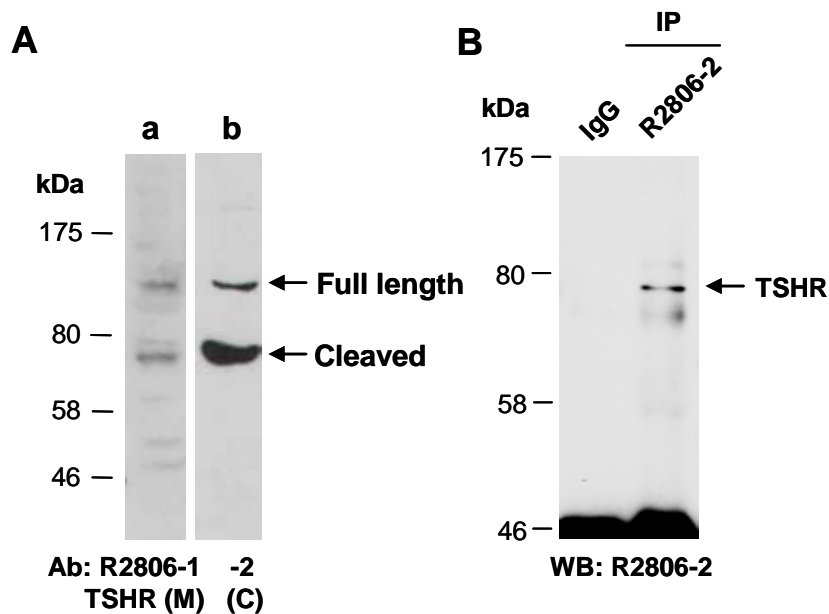


Fig 1. A) Western blot of total cell extracts from a,b. human HeLa; using 2 independent Abs against 2 distinct regions of human TSHR at RT for 2 h. **B)** Total extracts from human HeLa were immunoprecipitated with IgG or anti-TSHR (C) (R2806-2); followed by WB with the same Ab.