



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-TSH [11A2A8B7] Standard Size Ab03406-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.

**Isotype and Format:** Human IgG1, Fc Silent™, Kappa

**Clone Number:** 11A2A8B7

**Alternative Name(s) of Target:** CGMCNO.22318; Thyrotropin; Thyroid stimulating hormone; Thyrotropin subunit beta; Thyroid-stimulating hormone subunit beta; TSH-B; TSH-beta; Thyrotropin beta chain; INN: Thyrotropin alfa

**UniProt Accession Number of Target Protein:** P01222

**Published Application(s):** IHC

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by immunizing mice with TSH.

**Specificity:** The antibody is specific for TSH. Thyroid stimulating hormone is a pituitary hormone that stimulates the thyroid gland to produce thyroxine (T4), and then triiodothyronine (T3) which stimulates the metabolism of almost every tissue in the body. It is a glycoprotein hormone produced by thyrotrope cells in the anterior pituitary gland, which regulates the endocrine function of the thyroid.

**Application Notes:** The antibody specifically detected TSH by Western blot analysis. The antibody 11A2A8B7 and the commercial antibody TSH (TSH01 + TSH02) were used to stain pituitary tumors. Results showed the antibody specificity is comparable to the commercial antibody. Further, the sensitivity of the antibody 11A2A8B7 was higher than the commercial antibody. The antibody and the commercially available antibody TSH (TSH01 + TSH02) were simultaneously detected on the normal tissue chip, indicating that the specificity of the antibody in normal tissue was equivalent to that of the commercially available antibody (CN114149503A).

**Antibody First Published in:** [PMID:](#)

**Note on publication:**

## Product Form

**Size:**

200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.