Datasheet for ABIN264129

anti-TSHB antibody (intact)

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Overview

Quantity:	1 mg
Target:	TSHB
Binding Specificity:	intact
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TSHB antibody is un-conjugated
Application:	Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Human Pituitary Gland
Clone:	057-11001
Isotype:	IgG1
Specificity:	This antibody reacts to Thyroid Stimulating Hormone (TSH), intact and beta subunits. Cross-reactivity: TSH: 100 % hCG: 0 % LH: 0 % FSH: 0 %Aff. Const.:2 x 10e10
Characteristics:	Synonyms: Thyrotropin subunit beta, Thyroid-stimulating hormone subunit beta, TSH, TSHB, TSH beta
Purification:	DEAE chromatography
Purity:	> 90 % pure (SDS-PAGE)

Target Details

Target:	TSHB
Alternative Name:	Thyrotropin beta Chain (TSHB Products)
Background:	Various hormones are secreted from the anterior pituitary during development and growth. Thyroid Stimulating Hormone (TSH) is secreted from the anterior pituitary and controls thyroid structure and metabolism.Synonyms: TSH, TSH beta, TSHB, Thyroid-stimulating hormone subunit beta, Thyrotropin subunit beta
Gene ID:	7252
UniProt:	P01222
Pathways:	Thyroid Hormone Synthesis, Peptide Hormone Metabolism

Application Details

Application Notes:	ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	5.46mg/mL (OD280nm, E1% = 14)
Buffer:	10 mM Sodium Phosphate, pH 7.4 containing 150 mM Sodium chloride and 0,09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-80 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -40 °C for longer. Fill volume should be equal to or greater than 50% of the nominal fill volume of the vialused. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Expiry Date:	12 months