



Anti-TSHB polyclonal antibody (DPAB0354GH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Specificity | Human beta-TSH <0.1% cross reactivity with alpha hCG, LH, FSH, growth hormone, and prolactin. |
| Immunogen | Intact TSH |
| Source/Host | Goat |
| Species Reactivity | Human |
| Purification | Immunoaffinity purified using solid phase intact TSH. Has been absorbed against solid phase hCG to remove cross-reactivity. |
| Conjugate | Unconjugated |
| Applications | The dilution factor is >1:1,000 in the TSH ELISA assay. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. |
| Format | HRP, Liquid |
| Concentration | 0.5mg/ml (OD280nm) |
| Size | 1 ml |
| Buffer | 0.05M Potassium phosphate, 0.85% Sodium chloride, pH 7.2 containing BSA |
| Preservative | See individual product datasheet |
| Storage | Store (up to 1 year) at 2–8°C. DO NOT FREEZE. The conjugate may become inactivated upon freezing. |

GENE INFORMATION

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| Gene Name | TSHB thyroid stimulating hormone, beta [Homo sapiens] |
| Official Symbol | TSHB |
| Synonyms | CHNG4; TSH-BETA; TSHB; thyroid stimulating hormone, beta; OTTHUMP00000013654; thyrotropin beta subunit; TSH-B; Thyroid-stimulating hormone subunit beta; Thyrotropin alfa; Thyrotropin beta chain. |
| Entrez Gene ID | 7252 |
| Protein Refseq | NP_000540 |
| UniProt ID | P01222 |
| Chromosome Location | 1p13 |
| Pathway | Neuroactive ligand-receptor interaction |
| Function | hormone activity |