

Product datasheet for **TA334167**

SHOX Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-SHOX Antibody: synthetic peptide directed towards the N terminal of human SHOX. Synthetic peptide located within the following region: EELTAFVSKSFDQKSKDGNNGGGGGGGKDSITYREVLESGLARSRELGT
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	32 kDa
Gene Name:	short stature homeobox
Database Link:	NP_000442 Entrez Gene 6473 Human O15266



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Background:

This gene belongs to the paired homeobox family and is located in the pseudoautosomal region 1 (PAR1) of X and Y chromosomes. Defects in this gene are associated with idiopathic growth retardation and in the short stature phenotype of Turner syndrome patients. This gene is highly conserved across species from mammals to fish to flies. This gene belongs to the paired homeobox family and is located in the pseudoautosomal region 1 (PAR1) of X and Y chromosomes. Defects in this gene are associated with idiopathic growth retardation and in the short stature phenotype of Turner syndrome patients. This gene is highly conserved across species from mammals to fish to flies. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

Synonyms:

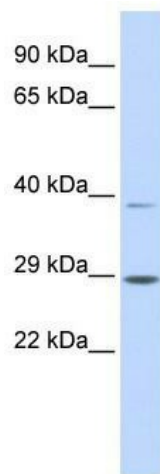
GCFX; PHOG; SHOXY; SS

Note:

Immunogen sequence homology: Dog: 100%; Pig: 100%; Human: 100%; Horse: 93%; Bovine: 93%; Zebrafish: 90%; Rat: 82%; Mouse: 82%; Guinea pig: 82%

Protein Families:

Transcription Factors

Product images:

WB Suggested Anti-SHOX Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: Human brain