

# Anti-TSHR Reference Antibody (K1-70)

Recombinant Antibody  
Catalog # APR10488

## Product Information

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<b>Application</b>	FC, Kinetics, Animal Model
<b>Primary Accession</b>	<a href="#">P16473</a>
<b>Reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Calculated MW</b>	86844

## Additional Information

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<b>Target/Specificity</b>	TSHR
<b>Endotoxin Conjugation</b>	Unconjugated
<b>Expression system</b>	CHO Cell
<b>Format</b>	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

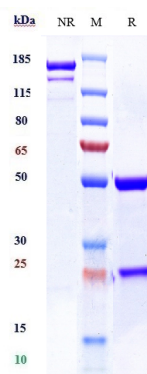
## Protein Information

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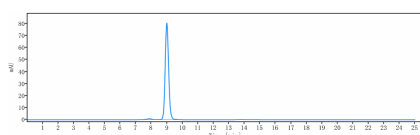
<b>Name</b>	TSHR
<b>Synonyms</b>	LGR3
<b>Function</b>	Receptor for the thyroid-stimulating hormone (TSH) or thyrotropin (PubMed: <a href="#">11847099</a> , PubMed: <a href="#">12045258</a> ). Also acts as a receptor for the heterodimeric glycoprotein hormone (GPHA2:GPHB5) or thyrostimulin (PubMed: <a href="#">12045258</a> ). The activity of this receptor is mediated by G proteins which activate adenylate cyclase (PubMed: <a href="#">11847099</a> ). Plays a central role in controlling thyroid cell metabolism (By similarity).
<b>Cellular Location</b>	Cell membrane; Multi-pass membrane protein. Basolateral cell membrane; Multi-pass membrane protein
<b>Tissue Location</b>	Expressed in thyroide cells (at protein level) (PubMed:11847099). Expressed in the thyroid (PubMed:2610690)

## Images

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Anti-TSHR Reference Antibody (K1-70) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-TSHR Reference Antibody (K1-70) is more than 98.3% ,determined by SEC-HPLC.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.