



## Rabbit Anti-Homez antibody

SL17353R

<b>Product Name:</b>	Homez
<b>Chinese Name:</b>	同源盒亮氨酸拉链蛋白HOMEZ抗体
<b>Alias:</b>	Homeobox and leucine zipper protein Homez; Homeodomain leucine zipper containing factor; KIAA1443.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	60kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human Homez:131-230/719
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	Homeodomain-containing proteins function as transcription factors that typically switch on cascades of other genes. Usually homeodomain proteins act in the promoter region of their target genes as complexes with other transcription factors, leading to much higher target specificity than a single homeodomain protein. HOMEZ (Homeobox and leucine zipper protein) is a 525 amino acid nuclear protein that contains 3 atypical homeodomains, 2 leucine zipper-like motifs, proline and serine-rich motifs and an acidic

domain. Within homeodomain 2, it contains a putative nuclear localization signal. HOMEZ shares significant sequence similarity with mouse ZHX1 and sequences that are homologous to HOMEZ are restricted to vertebrates. Likely functioning as a transcription regulator, HOMEZ is ubiquitously expressed with highest levels found in ovary, testis, kidney, fetal lung and kidney.

**Function:**

Homez and members of ZHX family of zinc finger homeodomain factors are delineated as a subset within the superfamily of homeobox-containing proteins.

**Subcellular Location:**

Nuclear

**SWISS:**

Q8IX15

**Gene ID:**

57594

**Database links:**

[Entrez Gene: 57594](#) Human

[Entrez Gene: 239099](#) Mouse

[Entrez Gene: 260325](#) Rat

[Omim: 608119](#) Human

[SwissProt: Q8IX15](#) Human

[SwissProt: Q504Z8](#) Mouse

[SwissProt: Q80W88](#) Mouse

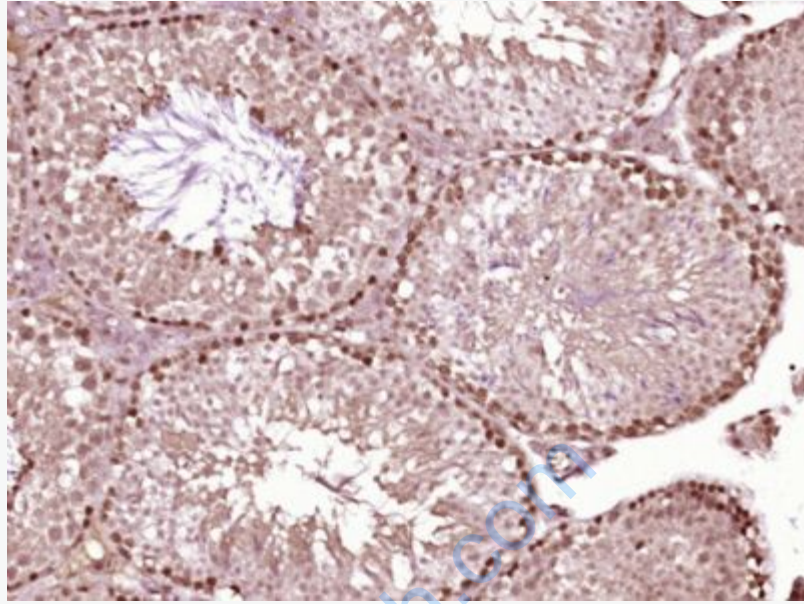
[SwissProt: Q5XFX1](#) Rat

[SwissProt: Q8K3E9](#) Rat

[Unigene: 52743](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



**Picture:**

Paraformaldehyde-fixed, paraffin embedded (Mouse testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Homez) Polyclonal Antibody, Unconjugated (SL17353R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.