# antibodies -online.com







## anti-FOXA3 antibody (C-Term)





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Quantity:	100 μL
Target:	FOXA3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXA3 antibody is un-conjugated
Application:	Western Blotting (WB)

## **Product Details**

Immunogen:	The immunogen is a synthetic peptide directed towards the c terminal region of mouse Foxa3
Sequence:	YNFNHPFSIN NLMSEQTSTP SKLDVGFGGY GAESGEPGVY YQSLYSRSLL
Predicted Reactivity:	Cow: 86%, Dog: 79%, Guinea Pig: 79%, Horse: 86%, Human: 86%, Mouse: 100%, Pig: 86%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against Foxa3. It was validated on Western Blot.
Purification:	Affinity Purified

## **Target Details**

Target:	FOXA3	
Alternative Name:	Foxa3 (FOXA3 Products)	

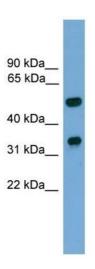
## **Target Details**

Background:	Foxa3 is a transcription factor that is thought to act as a 'pioneer' factor opening the	
	compacted chromatin for other proteins through interactions with nucleosomal core histones	
	and thereby replacing linker histones at target enhancer and/or promoter sites. Foxa3 is	
	originally described as a transcription activator for a number of liver genes such as AFP,	
	albumin, tyrosine aminotransferase, PEPCK, etc. Foxa3 interacts with the cis-acting regulatory	
	regions of these genes.Foxa3 is involved in glucose homeostasis, activates GLUT2	
	transcription and regulation of neuronal-specific transcription. Foxa3 is also involved in	
	regulation of spermatogenesis, required for the maintenance of the testicular germ cell	
	population and male fertility.	
	Alias Symbols: Hnf-3g, Hnf3g, Tcf-3g, Tcf3g	
	Protein Size: 353	
Molecular Weight:	37 kDa	
Gene ID:	15377	
NCBI Accession:	NM_008260, NP_032286	
UniProt:	P35584	
Pathways:	Carbohydrate Homeostasis	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 353 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %	
	sucrose.	
	Sodium azide	
Preservative:	Sodium azide	
Preservative: Precaution of Use:	Sodium azide  This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	

## Handling

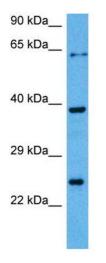
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Images**



## **Western Blotting**

**Image 1.** WB Suggested Anti-Foxa3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Mouse Brain



Host: Rabbit

Target Name: Foxa3

Sample Type: Mouse Liver Lysate

Antibody Dilution: 1.0µg/ml

## **Western Blotting**

Image 2. Host: Rabbit Target Name: FOXA3 Sample Tissue:

Mouse Liver Antibody Dilution: 1ug/ml