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# Datasheet for ABIN2780363 anti-FOXC1 antibody (N-Term)

2 Images



#### Overview

Quantity:	100 µL
Target:	FOXC1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human FOXC1
Sequence:	GGYTAMPAPM SVYSHPAHAE QYPGGMARAY GPYTPQPQPK DMVKPPYSYI
Predicted Reactivity:	Human: 100%, Mouse: 93%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against FOXC1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	F0XC1

l'arget.	
Alternative Name:	FOXC1 (FOXC1 Products)

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### Target Details

Background:	FOXC1 belongs to the forkhead family of transcription factors which is characterized by a
	distinct DNA-binding forkhead domain. The specific function of this gene has not yet been
	determined, however, it has been shown to play a role in the regulation of
	Alias Symbols: ARA, FKHL7, FREAC3, IGDA, IHG1, IRID1, RIEG3, FREAC-3
	Protein Interaction Partner: SOX2, gag-pol, ELAVL1, SUMO2, UBC, HMGB1,
	Protein Size: 553
Molecular Weight:	57 kDa
Molecular Weight: Gene ID:	57 kDa 2296
Molecular Weight: Gene ID: NCBI Accession:	57 kDa 2296 NM_001453, NP_001444
Molecular Weight: Gene ID: NCBI Accession: UniProt:	57 kDa 2296 NM_001453, NP_001444 Q12948

# Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 553 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.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
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.

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#### Western Blotting

**Image 1.** WB Suggested Anti-FOXC1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: THP-1 cell Iysate



#### Immunohistochemistry

Image 2.

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