

Product datasheet for **TA329710**

FOX A3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-FOX A3 antibody: synthetic peptide directed towards the middle region of human FOX A3. Synthetic peptide located within the following region: FENGCYLRRQKRFKLEEKVKKGGSGAATTRNGTGSAASTTTPAATVTSP
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>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	37 kDa
Gene Name:	forkhead box A3
Database Link:	NP_004488 Entrez Gene 15377 Mouse Entrez Gene 3171 Human P55318
Background:	FOX A3 encodes a member of the forkhead class of DNA-binding proteins. These hepatocyte nuclear factors are transcriptional activators for liver-specific transcripts such as albumin and transthyretin, and they also interact with chromatin. Similar family members in mice have roles in the regulation of metabolism and in the differentiation of the pancreas and liver. The crystal structure of a similar protein in rat has been resolved.
Synonyms:	FKHH3; HNF3G; TCF3G



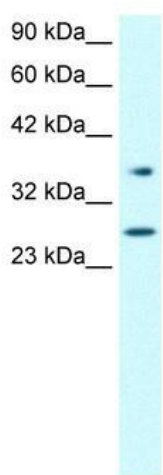
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Note: Immunogen sequence homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Bovine: 100%; Guinea pig: 100%; Horse: 92%; Mouse: 92%; Rabbit: 85%; Zebrafish: 79%

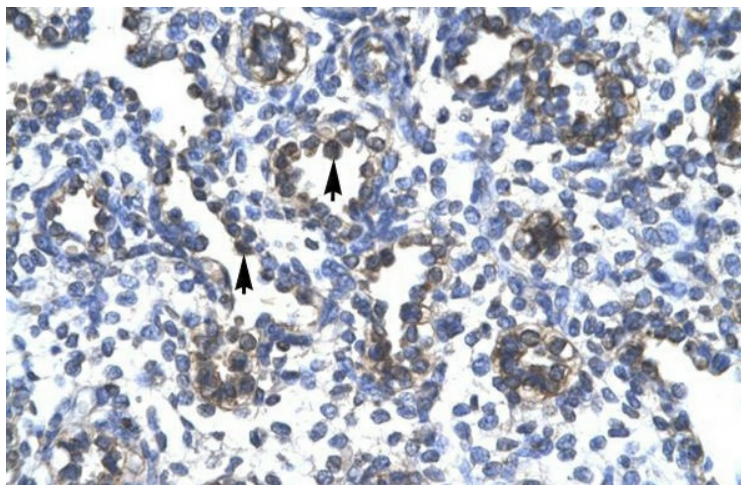
Protein Families: ES Cell Differentiation/IPS, Transcription Factors

Protein Pathways: Maturity onset diabetes of the young

Product images:



WB Suggested Anti-FOXA3 Antibody Titration: 0.2-1 ug/ml; Positive Control: Jurkat cell lysate



Human Lung