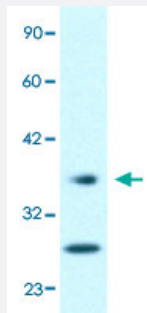


# FOXA3 polyclonal antibody

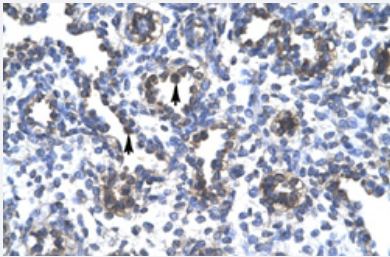
Catalog # PAB30081      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western Blot analysis of Jurkat cell lysate with FOXA3 polyclonal antibody (Cat # PAB30081) at 0.2-1 ug/mL working concentration.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung with FOXA3 polyclonal antibody (Cat # PAB30081) at 4-8 ug/mL working concentration.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of human FOXA3.
<b>Immunogen</b>	A synthetic peptide corresponding to internal region of human FOXA3.
<b>Sequence</b>	FENGCYLRRQKRFKLEEKVKKGGSGAATTTTRNGTGSAASTTTTPAATVTSP
<b>Host</b>	Rabbit
<b>Theoretical MW (kDa)</b>	37
<b>Reactivity</b>	Human
<b>Form</b>	Liquid

<b>Purification</b>	Affinity purification
<b>Recommend Usage</b>	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (4-8 ug/mL) Western Blot (0.2-1 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (2% sucrose, 0.09% sodium azide).
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

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## Gene Info — FOXA3

<b>Entrez GeneID</b>	<a href="#">3171</a>
<b>GeneBank Accession#</b>	<a href="#">NM_004497</a>
<b>Protein Accession#</b>	<a href="#">NP_004488:P55318</a>
<b>Gene Name</b>	FOXA3
<b>Gene Alias</b>	FKHH3, HNF3G, MGC10179, TCF3G
<b>Gene Description</b>	forkhead box A3
<b>Omim ID</b>	<a href="#">602295</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

**Gene Summary**

This gene 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. [provided by RefSeq]

**Other Designations**

hepatocyte nuclear factor 3, gamma

**Pathway**

- [Maturity onset diabetes of the young](#)