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Foxa3 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11057

Product Information

Application	WB
Primary Accession	P35584
Other Accession	NM_008260, NP_032286
Reactivity	Human, Mouse, Rat, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37601

Additional Information

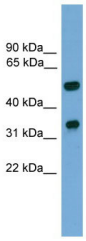
Gene ID	15377
Alias Symbol	Hnf-3g, Hnf3g, Tcf-3g, Tcf3g
Other Names	Hepatocyte nuclear factor 3-gamma, HNF-3-gamma, HNF-3G, Forkhead box protein A3, Foxa3, Hnf3g, Tcf-3g, Tcf3g
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Foxa3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Foxa3 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Foxa3
Synonyms	Hnf3g, Tcf-3g, Tcf3g
Function	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 (By similarity). Originally described as a transcription activator for a number of liver genes such as AFP, albumin, tyrosine aminotransferase, PEPCK, etc. Interacts with the cis-acting regulatory regions of these genes. Involved in glucose homeostasis; activates GLUT2 transcription. Involved in regulation of neuronal-specific transcription.

	Involved in regulation of spermatogenesis; required for the maintenance of the testicular germ cell population and male fertility.
Cellular Location	Nucleus.
Tissue Location	Restricted mainly to endoderm-derived tissues (lung, liver, stomach, and small intestine), also present additionally in ovary, testis, heart, and adipose tissue, but missing from lung

Images



WB Suggested Anti-Foxa3 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: Mouse Brain

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.