

FoxR1 Polyclonal Antibody

Catalog # AP69950

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q6PIV2
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33310

Additional Information

Gene ID	283150
Other Names	FOXR1; FOXN5; DLNB13; Forkhead box protein R1; Forkhead box protein N5
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

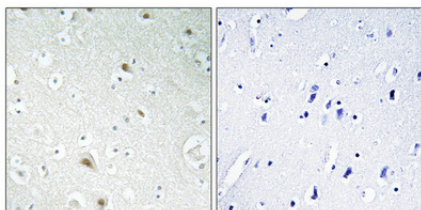
Protein Information

Name	FOXR1
Synonyms	FOXN5
Function	Transcription factor which acts as both an activator and a repressor (PubMed: 34723967). Activates transcription of a number of genes including the heat shock chaperones HSPA1A and HSPA6 and the antioxidant NADPH-dependent reductase DHRS2 which are involved in protection against oxidative stress (PubMed: 34723967). Required for normal brain development (By similarity).
Cellular Location	Nucleus. Cytoplasm. Cytoplasm, perinuclear region. Note=Localizes to the nucleus and cytoplasm with higher levels in the nucleus where it is expressed in a diffuse manner (PubMed: 34723967). Located in the cytoplasm of spermatocytes and strongly accumulates at the perinuclear region in elongated spermatids (PubMed: 25609838)
Tissue Location	Expressed in testis (at protein level).

Images



Western Blot analysis of various cells using FoxR1 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4°, overnight). High-pressure and temperature Tris-EDTA, pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

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