

FOXR2 Rabbit pAb

FOXR2 Rabbit pAb
Catalog # AP56164

Product Information

Application	WB
Primary Accession	Q6PJQ5
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35924
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FOXR2
Epitope Specificity	51-150/311
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nuclear
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The Forkhead-box (FOX) genes comprise a superfamily of at least 43 members that express proteins which are involved in transcriptional regulation and may be associated with the pathogenesis of various cancers. FOXR2 (Forkhead box protein R2), also known as FOXN6 (Forkhead box protein N6), is a 311 amino acid nuclear protein that belongs to the FOX family and contains one fork-head DNA-binding domain. Like other members of the FOX family, FOXR2 is not abundantly expressed in normal tissues but is found at very high levels in breast cancer and primary cancer cell lines and is thought to act as a transcription factor. Through chromosomal aberrations such as retroviral integration, gene amplification or translocation, FOXR2 may be involved the development of certain invasive carcinomas.

Additional Information

Gene ID	139628
Other Names	Forkhead box protein R2, Forkhead box protein N6, FOXR2, FOXN6
Dilution	WB=1:500-2000, ICC/IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

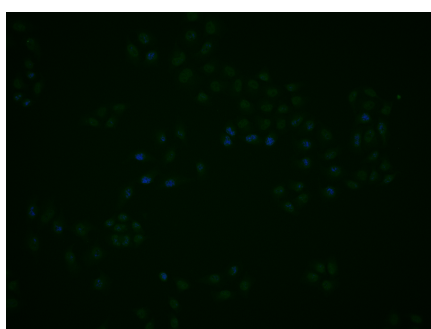
Protein Information

Name	FOXR2
Synonyms	FOXN6
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00089}.
Tissue Location	Expressed in breast cancer cell lines and primary cancer.

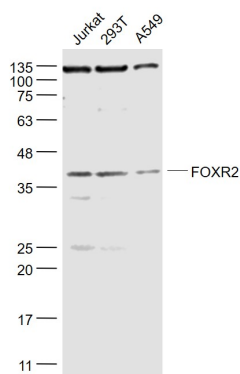
Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Images



Hela cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (BrdU) polyclonal Antibody, Unconjugated (bsm-0917M) 1:50, 90 minutes at 37°C; followed by a conjugated Goat Anti-Mouse IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.



Sample:
Jurkat(Human) Cell Lysate at 30 ug
293T(Human) Cell Lysate at 30 ug
A549(Human) Cell Lysate at 30 ug
Primary: Anti- FOXR2 (AP56164) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 36 kD
Observed band size: 36 kD

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