

Anti-FOXR2 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 36 kDa. Actual: 36 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Sample: JurkaT (Human) Cell Lysate at 30 µg 293T (Human) Cell Lysate at 30 µg A549 (Human) Cell Lysate at 30 µg Primary: Anti-FOXR2 (TMAB-06146) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 36 kD Observed band size: 36 kD</p> <p>2. Hela cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Antibody incubation with (BrdU) polyclonal Antibody, Unconjugated (90 minutes at 37°C; followed by a conjugated Goat Anti-Mouse IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.</p>
Application:	WB,ICC/IF
Recommended	WB: 1:500-2000; ICC/IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human FOXR2
Antigen Species:	Human
Gene ID:	139628
Uniprot ID:	Q6PQ5

Research Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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