

Anti-DIRC2 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Dog,Pig,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 52 kDa. Actual: 52 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: HepG2 (Human) Cell Lysate at 40 µg Primary: Anti-DIRC2 (TMAB-05167) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 52 kD Observed band size: 52 kD
Application:	WB
Recommended	WB: 1:500-2000

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 DIRC2
Antigen Species:	Human
Gene ID:	84925
Uniprot ID:	Q96SL1

Research Background

Belonging to the major facilitator superfamily, DIRC2 (disrupted in renal carcinoma protein 2) is a 478 amino acid multi-pass membrane protein that is primarily expressed in kidney proximal tubular cells. The genes encoding DIRC2 and DIRC3 are located at a translocation breakpoint which occurs frequently in individuals affected by familial renal cell carcinoma. Fusion transcripts that result from these translocations may affect normal protein function. This evidence suggests that, due to its chromosomal location, deregulation of the DIRC2 gene may cause haploinsufficiency and therefore result in the onset of tumor growth. There are two isoforms of DIRC2 which are produced as a result of alternative splicing events.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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