# antibodies -online.com







# anti-DIRC2 antibody (AA 51-150)



Image



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Quantity:	100 μL
Target:	DIRC2
Binding Specificity:	AA 51-150
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DIRC2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

# **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human DIRC2
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

# **Target Details**

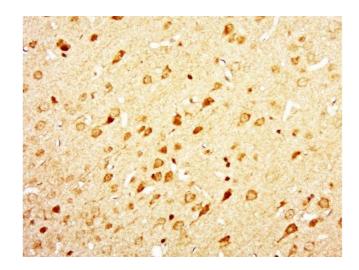
# Target Details

Alternative Name:	Dirc2 (DIRC2 Products)	
Background:	Synonyms: Disrupted in renal carcinoma protein 2, DIRC 2, Disrupted in renal cancer protein 2,	
	Disrupted in renal carcinoma 2, FLJ14784, NP_116228, RCC 4, RCC4, Renal cell carcinoma 4,	
	DIRC2_HUMAN.	
	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.	
Gene ID:	84925	
Application Details		
Application Notes:	WB 1:300-5000	
	ELISA 1:500-1000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be	
	handled by trained staff only.	
Storage:	4 °C,-20 °C	

# Handling

Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

# **Images**



# **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Paraformaldehyde-fixed, paraffin embedded rat brain, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30min, Antibody incubation with DIRC2 Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.