

## NISCH rabbit pAb

Catalog_no :	AT7667
Applications :	WB
Reactivity :	Human, Mouse,Rat
Category :	抗原抗体
Size :	100µg/50µg/20µg
Gene_name :	NISCH IRAS KIAA0975
Protein_name :	NISCH
Humangene_id	<a href="#">11188</a>
:	
Humanswissprot	<a href="#">Q9Y2I1</a>
_no :	
Mousegene_id :	<a href="#">64652</a>
Mouseswissprot	<a href="#">Q80TM9</a>
_no :	
Ratswissprot_no	<a href="#">Q4G017</a>
:	
Immunogen :	Synthesized peptide derived from human NISCH
Specificity :	This antibody detects endogenous levels of NISCH at Human/Mouse/Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Rabbit
Dilution :	WB 1 : 500-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage_stability	-20°C/1 year
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Background :	This gene encodes a nonadrenergic imidazoline-1 receptor protein that localizes to the cytosol and anchors to the inner layer of the plasma membrane. The orthologous mouse protein has been shown to influence cytoskeletal organization and cell migration by binding to alpha-5-beta-1 integrin. In humans, this protein has been shown to bind to the adapter insulin receptor substrate 4 (IRS4) to mediate translocation of alpha-5

integrin from the cell membrane to endosomes. Expression of this protein was reduced in human breast cancers while its overexpression reduced tumor growth and metastasis; possibly by limiting the expression of alpha-5 integrin. In human cardiac tissue, this gene was found to affect cell growth and death while in neural tissue it affected neuronal growth and differentiation. Alternative splicing results in multiple transcript variants encoding different isoforms. Some isoforms lack the expected C-terminal domains of a functional imidazoline receptor. [provided by RefSeq, Jan 2013],