

## Insulin Rabbit pAb

db412

Package : 20µL 50µL 100µL

**Product Name** : Insulin Rabbit pAb**Cat.No.:** db412**Synonyms** : IDDM; ILPR; IRDN; IDDM1; IDDM2; MODY10**Application** : WB, IHC, ICC/IF**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

After removal of the precursor signal peptide, proinsulin is post-translationally cleaved into three peptides: the B chain and A chain peptides, which are covalently linked via two disulfide bonds to form insulin, and C-peptide. Binding of insulin to the insulin receptor (INSR) stimulates glucose uptake. A multitude of mutant alleles with phenotypic effects have been identified. There is a read-through gene, INS-IGF2, which overlaps with this gene at the 5' region and with the IGF2 gene at the 3' region. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2010]

**Immunogen**

Recombinant protein of human Insulin

**Gene ID**

3630

**Swiss Prot**

P01308

**Synonyms**

IDDM; ILPR; IRDN; IDDM1; IDDM2; MODY10

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC, ICC/IF

**Recommended dilution**WB: 1:1000  
IHC: 1:20-1:5000  
ICC/IF: 1:50**Calculated MW**

12 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

**Isotype**

IgG

**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

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**Storage Stability**

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.