

Recombinant

DGRmAb®

## Nicastrin (DGR12791) Rabbit mAb

db14354

Package : 10µL 20µL 50µL 100µL

**Product Name** : Nicastrin (DGR12791) Rabbit mAb**Cat.No.:** db14354**Synonyms** : ATAG1874**Application** : WB**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes a type I transmembrane glycoprotein that is an integral component of the multimeric gamma-secretase complex. The encoded protein cleaves integral membrane proteins, including Notch receptors and beta-amyloid precursor protein, and may be a stabilizing cofactor required for gamma-secretase complex assembly. The cleavage of beta-amyloid precursor protein yields amyloid beta peptide, the main component of the neuritic plaque and the hallmark lesion in the brains of patients with Alzheimer's disease; however, the nature of the encoded protein's role in Alzheimer's disease is not known for certain. Mutations in this gene are associated with familial acne inversa. A pseudogene of this gene is present on chromosome 21. Alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Feb 2014]

**Immunogen**

A synthetic peptide of human Nicastrin

**Gene ID**

23385

**Swiss Prot**

Q92542

**Synonyms**

ATAG1874

**Reactivity**

Human,Mouse,Rat

**Application**

WB

**Recommended dilution**

WB: 1:1000

**Calculated MW**

78 kDa

**Observed MW**

110-120 kDa

**Host species**

Rabbit

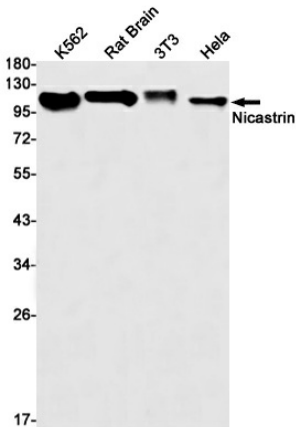
**Clonality**

Monoclonal

**Clonality No.**

DGR12791

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
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.



Western blot detection of Nicastrin in K562,Rat Brain,3T3,HeLa cell lysates using Nicastrin antibody(1:1000 diluted).