

Recombinant

DGRmAb®

Phospho-Doublecortin (Ser297) (DGR14444) Rabbit mAb (PBS Only)

db13978-PBS

Package : 可询价

Product Name : Phospho-Doublecortin (Ser297) (DGR14444) Rabbit mAb (PBS Only)**Cat.No.:** db13978-PBS**Synonyms** : Dbct**Application** : WB, IHC-P, IP**Reactivity** : Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes a member of the doublecortin family. The protein encoded by this gene is a cytoplasmic protein and contains two doublecortin domains, which bind microtubules. In the developing cortex, cortical neurons must migrate over long distances to reach the site of their final differentiation. The encoded protein appears to direct neuronal migration by regulating the organization and stability of microtubules. In addition, the encoded protein interacts with LIS1, the regulatory gamma subunit of platelet activating factor acetylhydrolase. Studies in knockout mice lacking this gene and the LIS1 gene suggest that the molecular interaction of these two genes is important in both in neuronal migration and neurogenesis, and there is a cortical role of this gene in nuclear translocation and positioning of the mitotic spindle in radial glial mitotic division. Multiple transcript variants encoding three different isoforms have been found for this gene. [provided by RefSeq, Sep 2010]

Immunogen

A synthetic phosphopeptide corresponding to residues surrounding Ser297 of mouse Doublecortin

Gene ID

13193

Swiss Prot

O88809

Synonyms

Dbct

Reactivity

Mouse,Rat

Application

WB, IHC-P, IP

Calculated MW

41 kDa

Observed MW

41 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR14444

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.