

Recombinant

DGRmAb®

Caspase-8 (DGR11312) Rabbit mAb (PBS Only)

db12451-PBS

Package : 10µg 100µg

Product Name : Caspase-8 (DGR11312) Rabbit mAb (PBS Only)**Cat.No.:** db12451-PBS**Synonyms** : CAP4; MACH; MCH5; FLICE; ALPS2B; Casp-8**Application** : WB, IHC-P**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes composed of a prodomain, a large protease subunit, and a small protease subunit. Activation of caspases requires proteolytic processing at conserved internal aspartic residues to generate a heterodimeric enzyme consisting of the large and small subunits. This protein is involved in the programmed cell death induced by Fas and various apoptotic stimuli. The N-terminal FADD-like death effector domain of this protein suggests that it may interact with Fas-interacting protein FADD. This protein was detected in the insoluble fraction of the affected brain region from Huntington disease patients but not in those from normal controls, which implicated the role in neurodegenerative diseases. Many alternatively spliced transcript variants encoding different isoforms have been described, although not all variants have had their full-length sequences determined. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human Caspase-8

Gene ID

841

Swiss Prot

Q14790

Synonyms

CAP4; MACH; MCH5; FLICE; ALPS2B; Casp-8

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P

Calculated MW

55 kDa

Observed MW

55 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.	DGR11312
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.

Western blot analysis of extracts from HeLa, Jurkat cells and Rat liver tissue using [db12451](#) at 1:1000.

