



### Anti-Cdkl5, NeuroMab clone EA7

Available as TC supe catalog (RRID:AB\_2493091) and

#### Immunogen:

Fusion protein amino acids 13-297 (N-terminal protein kinase domain) of human Cdkl5 (also known as Cyclin-dependent kinase-like 5, Serine/threonine-protein kinase 9 and STK9, accession number O76039)

Rat: 100% identity (285/285 amino acids identical)

Mouse: 100% identity (285/285 amino acids identical)

<50% identity with Cdkl2 and other Cdkl proteins

Hybridoma kindly donated by Cornelius Gross, Mouse Biology Unit, EMBL.

#### Monoclonal antibody info:

Mouse strain: CD-1

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2b

#### NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: human, rat, mouse

MW: 100 kDa

Immunoblot against crude rat brain membrane fractions (RBM) and lysates from wild-type (WT) and Cdkl5 knockout (KO) mouse brains probed with EA7 (left) or N52A/42 (right) TC supe. Mouse brain samples courtesy of Angelo Raggioli and Cornelius Gross (EMBL).

