



### Anti-AGPS neo-epitope, NeuroMab clone N444/63

Available as TC supe (RRID: AB\_2532090) & Pure IgG (RRID: AB\_2629423)

#### Immunogen:

Synthetic peptide amino acids 59-67 (KARRAASAA, site of proteolytic processing for peroxisome import) of human AGPS (also known as Alkylglycerone-phosphate synthase, Peroxisomal alkylidihydroxyacetonephosphate synthase, Alkyl-DHAP synthase, Aging-associated gene 5 protein, Ads and AAG5, accession number O00116)

Mouse: 100% identity (9/9 amino acids identical)

Rat: 100% identity (9/9 amino acids identical)

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

#### NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: human, mouse and rat

Does not cross-react with unprocessed AGPS

MW: 66 kDa processed (vs. 72 kDa unprocessed)

Adult rat brain membrane (RBM) and human cell immunoblot: lysates of RBM and fibroblasts from unaffected (control/normal) and disease-affected (patient/Pex5-mutant) humans probed with N444/63 TC supe (left) and rabbit polyclonal (right). Human fibroblast samples courtesy of Ning Huang and Joseph Hacia (USC) and rabbit polyclonal courtesy of Nancy Braverman (McGill).

Adult rat hippocampus immunohistochemistry

