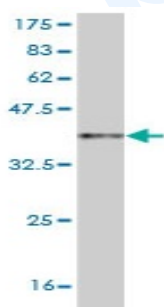


Mouse monoclonal antibody to human Oligophrenin 1 [2B9]: IgG

Catalogue No.:	M-854-100
Description:	Oligophrenin1 stimulates GTP hydrolysis of members of the Rho family. It could activate GTPase targets that are known to affect cell migration and outgrowth of axons and dendrites. It is a 802 amino acid protein of estimated molecular mass of ~92 kDa that is expressed in the brain. Defects in Oligophrenin1 are the cause of mental retardation X-linked OPHN1-related (MRXSO).
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Partial recombinant human Oligophrenin 1 (641-735) with a GST tag.
Clone:	2B9
Other Names:	OPHN1
Accession:	OPHN1_HUMAN
Produced in:	Mouse
Purity:	Protein G purified immunoglobulin
Applications:	This antibody is recommended for WB and sandwich ELISA. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	Specificity has been confirmed by WB and direct ELISA against the antigen.
Cross-reactivity:	Human. Other species have not been tested.
Form:	Lyophilised from PBS pH 7.2
Reconstitution:	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
Storage:	After reconstitution keep aliquots at -20C for higher stability or at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for additional stability. Avoid repetitive freeze/thaw cycles.
Expiry Date:	12 months after purchase



Western blot detection of GST tagged recombinant human Oligophrenin 1. Note the GST tag alone has a molecular weight of 26 kDa.

FOR RESEARCH USE ONLY