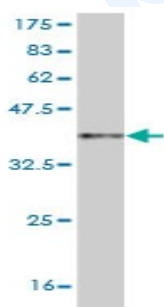




## Mouse monoclonal antibody to human Oligophrenin 1 [2B9]: IgG

<b>Catalogue No.:</b>	M-854-100
<b>Description:</b>	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).
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Partial recombinant human Oligophrenin 1 (641-735) with a GST tag.
<b>Clone:</b>	2B9
<b>Other Names:</b>	OPHN1
<b>Accession:</b>	OPHN1_HUMAN
<b>Produced in:</b>	Mouse
<b>Purity:</b>	Protein G purified immunoglobulin
<b>Applications:</b>	This antibody is recommended for WB and sandwich ELISA. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	Specificity has been confirmed by WB and direct ELISA against the antigen.
<b>Cross-reactivity:</b>	Human. Other species have not been tested.
<b>Form:</b>	Lyophilised from PBS pH 7.2
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
<b>Storage:</b>	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.
<b>Expiry Date:</b>	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