

## Oligophrenin 1 Polyclonal Antibody

Catalog number: 11076-1-AP

Size: 37 µg/150 µl

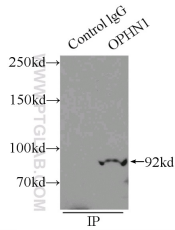
Source: Rabbit

Isotype: IgG

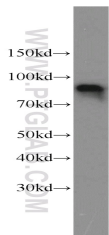
Synonyms:

OPHN1; MRX60, oligophrenin

1, OPHN1, OPN1



IP Result of anti-OPHN1 (IP:11076-1-AP, 3µg; Detection:11076-1-AP 1:200) with mouse brain tissue lysate 8000µg.



human brain tissue were subjected to SDS PAGE followed by western blot with 11076-1-AP(OPHN1 antibody) at dilution of 1:800

### Background

The OPHN1 gene encodes a Rho-GTPase activating protein (RhoGAP), and mutations in OPHN1 are responsible for non-specific X-linked mental retardation (NSMR). OPHN1 is highly expressed in the brain and present both pre- and postsynaptically in neurons.

### Applications

<b>Tested applications:</b>	ELISA, WB, IP
<b>Cited applications:</b>	IHC, WB
<b>Species specificity:</b>	Human, Mouse; other species not tested.
<b>Cited species:</b>	Human, mouse
<b>Calculated Oligophrenin 1 MW:</b>	802aa,92 kDa
<b>Observed Oligophrenin 1 MW:</b>	92 kDa
<b>Positive WB detected in</b>	Human brain tissue, mouse brain tissue
<b>Positive IP detected in</b>	Mouse brain tissue
<b>Recommended dilution:</b>	WB: 1:200-1:2000 IP: 1:200-1:1000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

<b>Immunogen:</b>	Ag1536
<b>GenBank accession number:</b>	BC059393
<b>Gene ID (NCBI):</b>	4983
<b>Full name:</b>	Oligophrenin 1

### Product information

<b>Purification method:</b>	Antigen affinity purification
<b>Storage:</b>	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.