

Immunotag™ Oligophrenin 1 Antibody

Antibody Specification	
Catalog No.	ITA3088
Product Description	Immunotag™ Oligophrenin 1 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Oligophrenin 1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC
Recommended Dilution	WB 1:500-1:2000, IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human Oligophrenin 1.
Specificity	Oligophrenin 1 antibody detects endogenous levels of Oligophrenin 1.
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	OPHN1
Accession No.	O60890
Alternate Names	ARHGAP41; Mental retardation, X linked 60; MRX60; Oligophrenin 1; Oligophrenin 1, Rho GTPase activating protein; OPN1;

Antibody Specification

Description	Stimulates GTP hydrolysis of members of the Rho family. Its action on RHOA activity and signaling is implicated in growth and stabilization of dendritic spines, and therefore in synaptic function. Critical for the stabilization of AMPA receptors at postsynaptic sites. Critical for the regulation of synaptic vesicle endocytosis at presynaptic terminals. Required for the localization of NR1D1 to dendrites, can suppress its repressor activity and protect it from proteasomal degradation (By similarity).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	92 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.