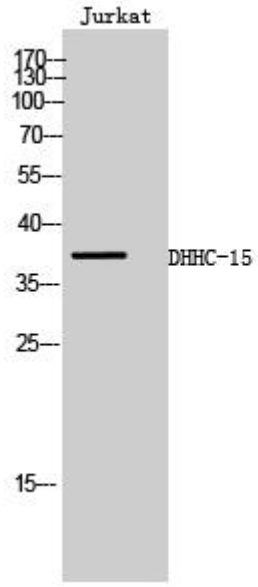
DHHC-15 Monoclonal Antibody

Catalog No	YP-mAb-01651
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	ZDHHC15
Protein Name	Palmitoyltransferase ZDHHC15
Immunogen	The antiserum was produced against synthesized peptide derived from human ZDHHC15. AA range:288-337
Specificity	DHHC-15 Monoclonal Antibody detects endogenous levels of DHHC-15 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ZDHHC15; Palmitoyltransferase ZDHHC15; Zinc finger DHHC domain-containing protein 15; DHHC-15
Observed Band	38kD
Cell Pathway	Golgi apparatus membrane ; Multi-pass membrane protein . Cell junction, synapse, postsynaptic density .
Tissue Specificity	Expressed in placenta, liver, lung, kidney, heart and brain.
Function	catalytic activity:Palmitoyl-CoA + protein-cysteine = S-palmitoyl protein + CoA.,disease:Defects in ZDHHC15 are the cause of mental retardation X-linked type 91 (MRX91) [MIM:300577]. Mental retardation is characterized by significantly sub-average general intellectual functioning associated with impairments in adaptative behavior and manifested during the developmental period. Non-syndromic mental retardation patients do not manifest other clinical signs.,domain:The DHHC domain is required for palmitoyltransferase activity.,function:Palmitoyltransferase specific for GAP43 and DLG4/PSD95.,PTM:Autopalmitoylated.,similarity:Belongs to the DHHC palmitoyltransferase family.,similarity:Contains 1 DHHC-type zinc finger.,tissue specificity:Expressed in placenta, liver, lung, kidney, heart and brain.,
Background	The protein encoded by this gene belongs to the DHHC palmitoyltransferase family. Mutations in this gene are associated with mental retardatio X-linked type

	91 (MRX91). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using DHHC-15 Monoclonal Antibody