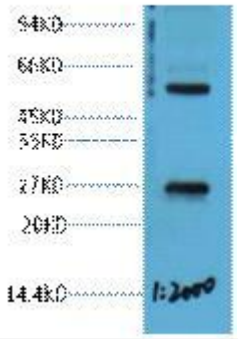
EFHD1 Monoclonal Antibody

Catalog No	YP-mAb-03008
Isotype	IgG
Reactivity	Human
Applications	WB
Gene Name	EFHD1
Protein Name	EF-hand domain-containing protein D1
Immunogen	Recombinant Protein of EF-hand domain-containing protein D1
Specificity	The antibody detects endogenous EFHD1 proteins.
Formulation	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
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	EF-hand domain-containing protein D1 (EF-hand domain-containing protein 1) (Swiprosin-2)
Observed Band	27kD
Cell Pathway	Mitochondrion inner membrane .
Tissue Specificity	Brain,Eye,Heart,Hippocampus,Lung,Normal aorta,Placenta,
Function	similarity:Contains 2 EF-hand domains.,
Background	This gene encodes a member of the EF-hand super family of calcium binding proteins, which are involved in a variety of cellular processes including mitosis, synaptic transmission, and cytoskeletal rearrangement. The protein encoded by this gene is composed of an N-terminal disordered region, proline-rich elements, two EF-hands, and a C-terminal coiled-coil domain. This protein has been shown to associate with the mitochondrial inner membrane, and in HeLa cells, acts as a novel mitochondrial calcium ion sensor for mitochondrial flash activation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2016],
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 EFHD1 Monoclonal Antibody