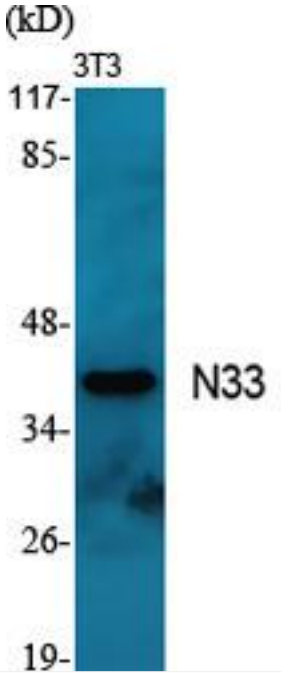
N33 Monoclonal Antibody

Catalog No	YP-mAb-00458
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TUSC3
Protein Name	Tumor suppressor candidate 3
Immunogen	The antiserum was produced against synthesized peptide derived from human TUSC3. AA range:131-180
Specificity	N33 Monoclonal Antibody detects endogenous levels of N33 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	TUSC3; N33; Tumor suppressor candidate 3; Magnesium uptake/transporter TUSC3; Protein N33
Observed Band	39kD
Cell Pathway	Endoplasmic reticulum membrane ; Multi-pass membrane protein .
Tissue Specificity	Expressed in most non-lymphoid cells and tissues examined, including prostate, lung, liver, colon, heart, kidney and pancreas.
Function	disease:Defects in TUSC3 are the cause of mental retardation non-syndromic autosomal recessive type 7 (MRT7) [MIM:611093]. 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.,function:May be involved in N-glycosylation through its association with N-oligosaccharyl transferase.,similarity:Belongs to the OST3/OST6 family.,subunit:Weakly associates with the oligosaccharyl transferase (OST) complex which contains at least RPN1/ribophorin I, RPN2/ribophorin II, OST48, DAD1, and either STT3A or STT3B.,tissue specificity:Expressed in most non-lymphoid cells and tissues examined, including prostate, lung, liver, colon, heart, kidney and pancreas.,

Background	This gene is a candidate tumor suppressor gene. It is located within a homozygously deleted region of a metastatic prostate cancer. The gene is expressed in most nonlymphoid human tissues including prostate, lung, liver, and colon. Expression was also detected in many epithelial tumor cell lines. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008],
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 N33 Monoclonal Antibody