



Tom20 Polyclonal Antibody

Catalog No	YP-Ab-00750
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB IF;ELISA
Gene Name	TOMM20
Immunogen	The antiserum was produced against synthesized peptide derived from human TOMM20. AA range:15-64
Specificity	Tom20 Polyclonal Antibody detects endogenous levels of Tom20 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 IF 1:100-300 ELISA 1:5000-20000 Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TOMM20;KIAA0016;MAS20;MOM19;tom 20;Tom20;Mitochondrial import receptor subunit TOM20 homolog;Mitochondrial 20 kDa outer membrane protein; Outer mitochondrial membrane receptor Tom20
Observed Band	17kD
Calculated Molecular Weight	17kD
Cell Pathway	Mitochondrion outer membrane ; Single-pass membrane protein .
Tissue Specificity	Bone marrow,Brain,Cervix,Epithelium,Eye,Fibroblast,Pancreas
Function	function:Central component of the receptor complex responsible for the recognition and translocation of cytosolically synthesized mitochondrial preproteins. Together with tom22 functions as the transit peptide receptor at the surface of the mitochondrion outer membrane and facilitates the movement of preproteins into the tom40 translocation pore.,similarity:Belongs to the Tom20 family.,subunit:Forms part of the preprotein translocase complex of the outer mitochondrial membrane (TOM complex) which consists of at least 7 different proteins (TOMM5, TOMM6, TOMM7, TOMM20, TOMM22, TOMM40 and TOMM70). Interacts with TOM22.,



Background

function:Central component of the receptor complex responsible for the recognition and translocation of cytosolically synthesized mitochondrial preproteins. Together with tom22 functions as the transit peptide receptor at the surface of the mitochondrion outer membrane and facilitates the movement of preproteins into the tom40 translocation pore.,similarity:Belongs to the Tom20 family.,subunit:Forms part of the preprotein translocase complex of the outer mitochondrial membrane (TOM complex) which consists of at least 7 different proteins (TOMM5, TOMM6, TOMM7, TOMM20, TOMM22, TOMM40 and TOMM70). Interacts with TOM22.,

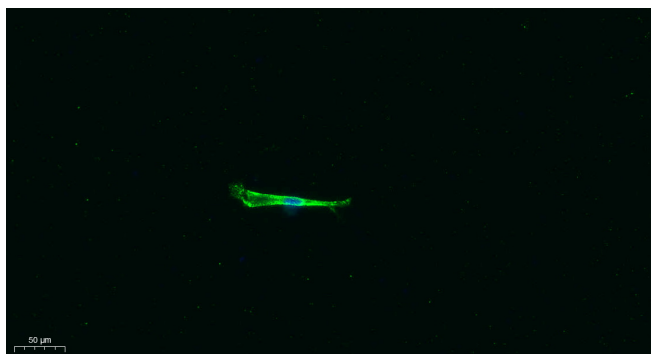
matters needing attention

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



Immunofluorescence analysis of A549. 1,primary Antibody was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 488 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, Picture B: DAPI(blue) 10min.



Western Blot analysis of various cells using Tom20 Polyclonal Antibody diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

Western blot analysis of the lysates from HeLa cells using TOMM20 antibody.