

## Tom20 Polyclonal Antibody

<b>Catalog No :</b>	YT4696
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB IF;ELISA
<b>Target :</b>	Tom20
<b>Gene Name :</b>	TOMM20
<b>Protein Name :</b>	Mitochondrial import receptor subunit TOM20 homolog
<b>Human Gene Id :</b>	9804
<b>Human Swiss Prot No :</b>	Q15388
<b>Mouse Gene Id :</b>	67952
<b>Mouse Swiss Prot No :</b>	Q9DCC8
<b>Rat Gene Id :</b>	266601
<b>Rat Swiss Prot No :</b>	Q62760
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human TOMM20. AA range:15-64
<b>Specificity :</b>	Tom20 Polyclonal Antibody detects endogenous levels of Tom20 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000 IF 1:100-300 ELISA 1:5000-20000 Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

<b>Concentration :</b>	<u>1 mg/ml</u>
<b>Storage Stability :</b>	<u>-15°C to -25°C/1 year(Do not lower than -25°C)</u>
<b>Observed Band :</b>	<u>17kD</u>
<b>Background :</b>	<u>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.,</u>
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<b>Subcellular Location :</b>	<u>Mitochondrion outer membrane ; Single-pass membrane protein .</u>
<b>Expression :</b>	<u>Bone marrow,Brain,Cervix,Epithelium,Eye,Fibroblast,Pancreas</u>

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