

Datasheet for ABIN6283146

anti-TOMM20 antibody (Internal Region)[Go to Product page](#)

Overview

Quantity:	50 µL
Target:	TOMM20
Binding Specificity:	AA 30-110, Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TOMM20 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	<p>Tom20 is a protein encoded by the TOMM20 gene which is approximately 16,2 kDa. Tom20 is localised to the mitochondrion outer membrane and is involved in deubiquitination, metabolism of proteins, pink/parkin mediated mitophagy, and glucose / energy metabolism. It is a central component of the receptor complex responsible for the recognition and translocation of cytosolically synthesized mitochondrial preproteins. 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. Tom20 is expressed in the nervous system, bone marrow, pancreas, eye and liver. Mutations in the TOMM20 gene result in Perry syndrome and infantile neuroaxonal dystrophy. STJ96061 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of Tom20 protein.</p>
Immunogen:	Synthesized peptide derived from human Tom20

Product Details

Isotype:	IgG
Specificity:	Tom20 Polyclonal Antibody detects endogenous levels of Tom20 protein.
Characteristics:	Rabbit polyclonal to Tom20.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	TOMM20
Alternative Name:	Tom20 (TOMM20 Products)
Molecular Weight:	17 kDa
Gene ID:	9804
UniProt:	Q15388
Pathways:	Unfolded Protein Response

Application Details

Application Notes:	WB 1:500-1:2000 ELISA 1:40000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.