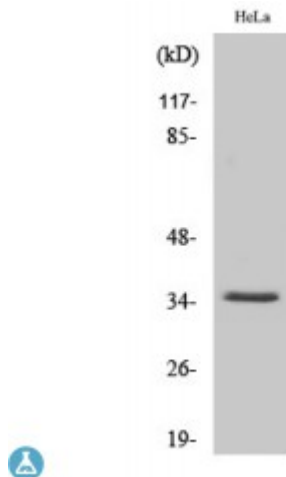


Anti-ANT4 antibody



Description	Rabbit polyclonal to ANT4.
Model	STJ91607
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human ANT4
Immunogen Region	100-180 aa, Internal
Gene ID	83447
Gene Symbol	SLC25A31
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:40000
Specificity	ANT4 Polyclonal Antibody detects endogenous levels of ANT4 protein.
Tissue Specificity	Expressed in brain, liver, sperm and testis.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	ADP/ATP translocase 4 ADP,ATP carrier protein 4 Adenine nucleotide translocator 4 ANT 4 Solute carrier family 25 member 31 Sperm flagellar energy carrier protein
Molecular Weight	35 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:253190MIM:610796
Alternative Names	ADP/ATP translocase 4 ADP,ATP carrier protein 4 Adenine nucleotide translocator 4 ANT 4 Solute carrier family 25 member 31 Sperm flagellar energy carrier protein
Function	Catalyzes the exchange of cytoplasmic ADP with mitochondrial ATP across the mitochondrial inner membrane. May serve to mediate energy generating and energy consuming processes in the distal flagellum, possibly as a nucleotide shuttle between flagellar glycolysis, protein phosphorylation and mechanisms of motility.
Cellular Localization	Mitochondrion inner membrane. Multi-pass membrane protein. Cell projection, cilium, flagellum. In sperm flagellum this protein is located in the fibrous sheath, a non-mitochondrial region.