

Rabbit ATL3 Polyclonal Antibody | anti-ATL3 antibody

ATL3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328781	Rabbit	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog	Western Blot

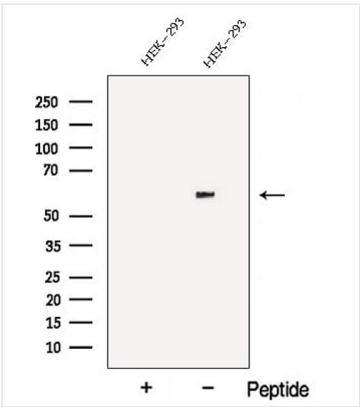
PRODUCT SYNONYMS

ATL3; Polyclonal Antibody; ATL3 Antibody; 4633402C03Rik; 5730596K20Rik; AI465397; ATLA3_HUMAN; Atlastin 3 like; Atlastin GTPase 3; Atlastin-3; AW228836; DKFZp564J0863; MGC28761; anti-ATL3 antibody

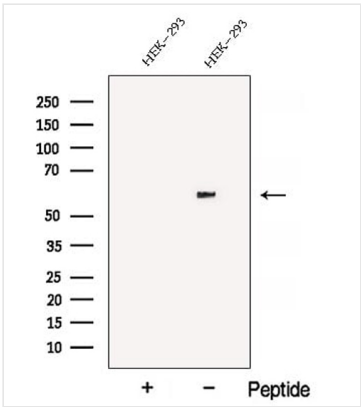
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog
Clonality	Polyclonal
Isotype	IgG
Specificity	ATL3 Antibody detects endogenous levels of ATL3.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	541
Applicable Applications for anti-ATL3 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human ATL3.
Tissue Specificity	Expressed in the central nervous system and in dorsal root ganglia neurons. Expressed in peripheral tissues (at protein level).
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Endoplasmic Reticulum
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from HEK-293 cells, using ATL3 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from 3T3, using ATL3 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ATL3 antibody	Description: GTPase tethering membranes through formation of trans-homooligomers and mediating homotypic fusion of endoplasmic reticulum membranes. Functions in endoplasmic reticulum tubular network biogenesis (PubMed:18270207, PubMed:19665976, PubMed:27619977).
	Subunit Structure: Interacts with ZFYVE27 (PubMed:23969831).
	Similarity: Belongs to the TRAFAC class dynamin-like GTPase superfamily. GB1/RHD3-type GTPase family. GB1 subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	45827806
NCBI GeneID	25923
NCBI Accession #	NP_056274.3
NCBI GenBank Nucleotide #	NP_056274.3
UniProt Accession #	Q6DD88
Molecular Weight	Observed: 61 kDa Predicted: 61 kDa
NCBI Official Full Name	atlastin-3 isoform 1
NCBI Official Synonym Full Names	atlastin GTPase 3
NCBI Official Symbol	ATL3
NCBI Official Synonym Symbols	HSN1F
NCBI Protein Information	atlastin-3
UniProt Protein Name	Atlastin-3
UniProt Gene Name	ATL3
UniProt Entry Name	ATLA3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

