

ALS2CR11 Polyclonal Antibody

Catalog # AP68385

Product Information

Application	WB, E
Primary Accession	Q53TS8
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	209056

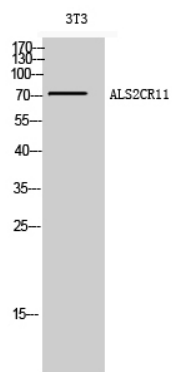
Additional Information

Gene ID	151254
Other Names	ALS2CR11; Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 11 protein
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications. E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

Protein Information

Name	CATSPERT {ECO:0000303 PubMed:34998468, ECO:0000312 HGNC:HGNC:14438}
Function	Auxiliary component of the CatSper complex, a complex involved in sperm cell hyperactivation. Sperm cell hyperactivation is needed for sperm motility which is essential late in the preparation of sperm for fertilization. Required for CatSper complex targeting and trafficking into the quadrilinear nanodomains. Targets the preassembled CatSper complexes to elongating flagella, where it links the channel- carrying vesicles and motor proteins.
Cellular Location	Cell projection, cilium, flagellum membrane {ECO:0000250 UniProtKB:E9Q9F6}. Note=Specifically located in the principal piece of sperm tail. {ECO:0000250 UniProtKB:E9Q9F6}
Tissue Location	Expressed in testis (at protein level).

Images



Western Blot analysis of 3T3 cells using ALS2CR11 Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.