Datasheet for ABIN5012061

anti-TSPEAR antibody (Alexa Fluor 750)

Go to Product page

Overview

Quantity:	100 µL
Target:	TSPEAR
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSPEAR antibody is conjugated to Alexa Fluor 750
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TSPEAR/C21orf9
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	TSPEAR
Alternative Name:	TSPEAR (TSPEAR Products)
Background:	Synonyms: C21orf14, C21orf38, C21orf7, Chromosome 21 open reading frame 38, Chromosome 21 open reading frame 91, Early undferentiated retina and lens, EURL, Protein EURL homolog, YG81, TSEAR_HUMAN. Background: TSPEAR, also known as C21orf9, is a 669 amino acid secreted protein. Expressed

Target Details

	as two isoforms produced by alternative splicing, TSPEAR contains one Thrombospondin N-terminal domain and seven EAR (epilepsy-associated repeat) domains. EAR domains are found in several proteins, including TSPEAR, encoded by genes that map within chromosome regions associated with seizure disorders. It is thought that the EAR domain plays a role in the pathogenesis of epilepsy by either binding to an unknown epileptic ligand or interfering with axon synaptogenesis.
Pathways:	Sensory Perception of Sound

Application Details

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months