

ARG45503 anti-TMEM232 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TMEM232
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Specificity	TMEM232
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TMEM232
Species	Human
Immunogen	Recombinant protein containing to human TMEM232.
Conjugation	Un-conjugated
Alternate Names	TMEM232; Transmembrane Protein 232; FLJ43080

Application Instructions

Application table	Application	Dilution
	ICC/IF	5 µg/ml
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	76 kDa	

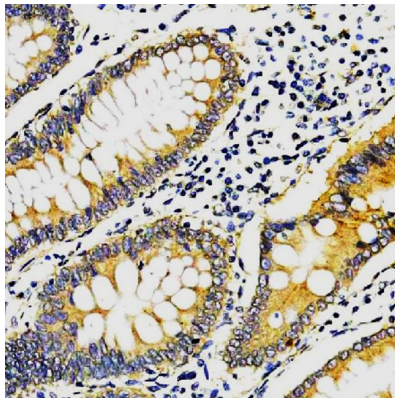
Properties

Form	Powder
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

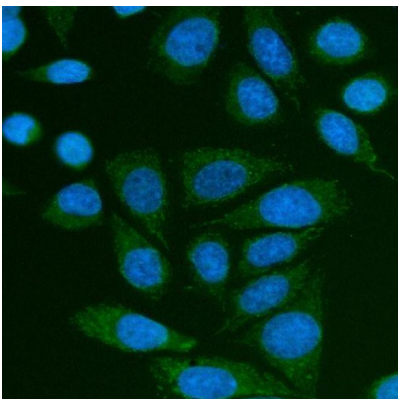
Gene Symbol	TMEM232
Gene Full Name	Transmembrane Protein 232
Background	Predicted to be involved in flagellated sperm motility and spermatid cytoplasm removal during spermiation of flagellated sperm. Predicted to act upstream of or within maintenance of protein complex location. Predicted to be located in membrane. Predicted to be active in outer dense fiber. [provided by Alliance of Genome Resources, Feb 2025]
Function	Plays a critical role for male fertility and sperm motility by regulating sperm cytoplasm removal and maintaining axoneme integrity. [UniProt]
Calculated Mw	78 kDa
Cellular Localization	Membrane. [UniProt]

Images



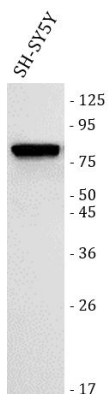
ARG45503 anti-TMEM232 antibody IHC-P image

Immunohistochemistry: Human colon stained with ARG45503 anti-TMEM232 antibody at 2 µg/ml dilution.



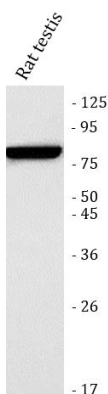
ARG45503 anti-TMEM232 antibody ICC/IF image

Immunofluorescence: SiHa stained with ARG45503 anti-TMEM232 antibody at 5 µg/ml dilution.



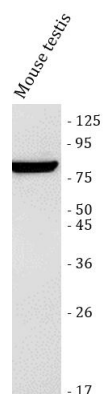
ARG45503 anti-TMEM232 antibody WB image

Western blot: SH-SY5Y stained with ARG45503 anti-TMEM232 antibody at 0.5 µg/ml dilution.



ARG45503 anti-TMEM232 antibody WB image

Western blot: Rat testis stained with ARG45503 anti-TMEM232 antibody at 0.5 µg/ml dilution.



ARG45503 anti-TMEM232 antibody WB image

Western blot: Mouse testis stained with ARG45503 anti-TMEM232 antibody at 0.5 µg/ml dilution.