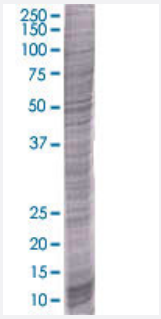
FXYD3 293T Cell Transient Overexpression Lysate(Denatured)

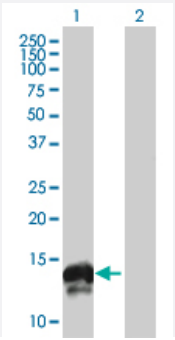
Catalog # H00005349-T01 Size 100 uL

Applications



SDS-PAGE Gel

FXYD3 transfected lysate



Western Blot

Lane 1: FXYD3 transfected lysate (7.48 KDa).
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-FXYD3 full-length
Host	Human
Theoretical MW (kDa)	7.48
Interspecies Antigen Sequence	Mouse (75); Rat (76)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-FXYD3 antibody (H00005349-B01) by Western Blots. SDS-PAGE Gel FXYD3 transfected lysate Western Blot Lane 1: FXYD3 transfected lysate (7.48 KDa). Lane 2: Non-transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — FXYD3

Entrez GeneID	5349
GeneBank Accession#	BC005238
Protein Accession#	AAH05238
Gene Name	FXYD3
Gene Alias	MAT-8, MAT8, MGC111076, PLML
Gene Description	FXYD domain containing ion transport regulator 3
Omim ID	604996
Gene Ontology	Hyperlink
Gene Summary	This gene belongs to a small family of FXYD-domain containing regulators of Na+/K+ ATPases which share a 35-amino acid signature sequence domain, beginning with the sequence PFXYD, and containing 7 invariant and 6 highly conserved amino acids. This gene encodes a cell membrane protein that may regulate the function of ion-pumps and ion-channels. This gene may also play a role in tumor progression. Alternative splicing results in multiple transcript variants encoding distinct isoforms
Other Designations	FXYD domain-containing ion transport regulator 3|mammary tumor 8 kDa protein|phospholemman-like protein