

Anti-VSP/TPTE Antibody

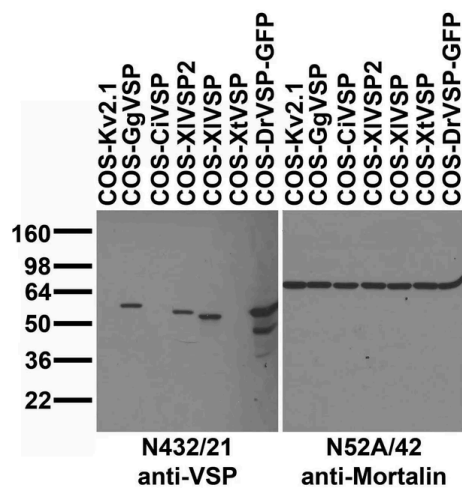


Product Details

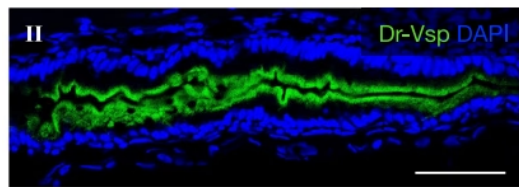
Available Variants	100 µL (SKU:75-485)
Conjugate	Unconjugated
Isotype	IgG2a
Clone	N432/21
Gene Name	TPTE
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.125
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	ELISA, ICC, IHC, WB
Dilution Ranges	IHC: 1:500
Species Reactivity	Chicken, Xenopus, Zebrafish
Immunogen	Fusion protein amino acids 153-335 of zebrafish TPTE (accession number Q4V9E4) produced recombinantly in E. Coli
Specificity	No cross-reactivity reported
Molecular Weight	40-60 kDa
Quality Control	Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern.

Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_2744560
UniProt ID	Q4V9E4
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

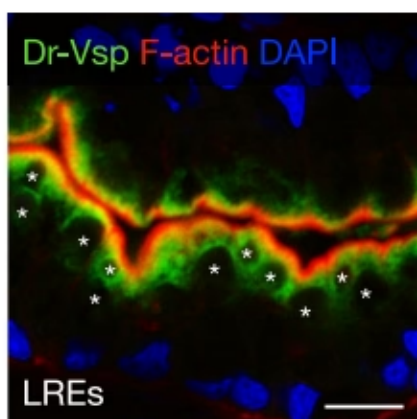
Product Images



Immunoblot against extracts of COS cells transiently transfected with GFP-tagged zebrafish VSP (DrVSP) or untagged Xenopus (XtVSP, XIVSP and XIVSP2), sea squirt (CiVSP), chicken VSP (GgVSP) or Kv2.1 plasmid probed with N432/21 (left) or N52A/42 (right) TC supe.



II Confocal images of Dr-Vsp immunostaining in a 7-dpf wild-type zebrafish larva (sagittal section). Dr-Vsp is highly expressed in enterocytes at the posterior part of the mid-intestine, which are defined as lysosomerich enterocytes (LREs). Image from publication, CC-BY-4.0, [PMID: 36088390](#)



D. Dr-Vsp immunostaining in IECs LREs (right) of a 7-dpf wild-type zebrafish larva (sagittal section). Dr-Vsp expression was restricted mainly to LREs, but not detectable in other IECs. Green, Dr-Vsp. Red, F-actin. Blue, DAPI. Image from publication, CC-BY-4.0, [PMID: 36088390](https://pubmed.ncbi.nlm.nih.gov/36088390/)

Product Page URL: www.antibodiesinc.com/products/anti-vsp-tppe-antibody-n432-21-75-485



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