ARG63432
anti-VPS29 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes VPS29
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog
Tested Application	WB
Specificity	This antibody is expected to recognise both human isoforms (represented by NP_057310.1; NP_476528.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	VPS29
Species	Human
Immunogen	C-DDVKVERIEYKKP
Conjugation	Un-conjugated
Alternate Names	PEP11; Vacuolar protein sorting-associated protein 29; DC15; Vesicle protein sorting 29; hVPS29; PEP11 homolog; DC7

Application Instructions

Application table

Application	Dilution
WB	0.1 - 0.3 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

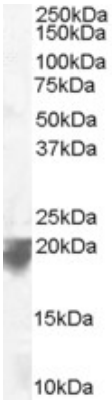
Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage 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.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 51699 Human Swiss-port # Q9UBQ0 Human
Background	This gene belongs to a group of vacuolar protein sorting (VPS) genes that, when functionally impaired, disrupt the efficient delivery of vacuolar hydrolases. The protein encoded by this gene is a component of a large multimeric complex, termed the retromer complex, which is involved in retrograde transport of proteins from endosomes to the trans-Golgi network. This VPS protein may be involved in the formation of the inner shell of the retromer coat for retrograde vesicles leaving the prevacuolar compartment. Alternative splice variants encoding different isoforms, and usage of multiple polyadenylation sites have been found for this gene. [provided by RefSeq, Jul 2008]
Research Area	Signaling Transduction antibody
Calculated Mw	21 kDa

Images



ARG63432 anti-VPS29 antibody WB image

Western Blot: Human Spleen lysate (RIPA buffer, 35 µg total protein per lane) stained with ARG63432 anti-VPS29 antibody at 0.1 µg/ml dilution.