

Datasheet for ABIN2789726
anti-GGA2 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	GGA2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Cow, Dog, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GGA2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human GGA2
Sequence:	MLKKQGIKQ DPKLPVDKIL PPPSPWPKSS IFDADEEKSK LLTRLLKSNH
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against GGA2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	GGA2
Alternative Name:	GGA2 (GGA2 Products)

Target Details

Background:	<p>This gene encodes a member of the Golgi-localized, gamma adaptin ear-containing, ARF-binding (GGA) family. This family includes ubiquitous coat proteins that regulate the trafficking of proteins between the trans-Golgi network and the lysosome. These proteins share an amino-terminal VHS domain which mediates sorting of the mannose 6-phosphate receptors at the trans-Golgi network. They also contain a carboxy-terminal region with homology to the ear domain of gamma-adaptins. This family member may play a significant role in cargo molecules regulation and clathrin-coated vesicle assembly.</p> <p>Alias Symbols: VEAR</p> <p>Protein Interaction Partner: RNF11, CA8, ARF1, UBC, UBI4, SYNRG, RABEP1, ATXN1, MAP1A, HTT, VCP, APP, CPLX1, IGF2R, SORT1, GGA1, STAB1, GGA3, TOLLIP, BACE1, CLTC, CCDC91, VPS18, RABGEF1, AFTPH, SPG21, GGA2, CLINT1, LRP3, SORL1, TRIM23, PIN1, M6PR, ARF3, HGS, BACE2, RAB5A, NECAP2,</p> <p>Protein Size: 613</p>
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Molecular Weight:	67 kDa
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Gene ID:	23062
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NCBI Accession:	NM_015044 , NP_055859
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UniProt:	Q9UJY4
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 613 AA
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. Host: Rabbit Target Name: GGA2 Sample Type: Placenta lysates Antibody Dilution: 1.0ug/ml