

Datasheet for ABIN950299

anti-AGBL5 antibody (N-Term)**3** Images[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	AGBL5
Binding Specificity:	AA 106-135, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGBL5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 106-135 amino acids from the N-terminal region of human AGBL5
Isotype:	Ig Fraction
Specificity:	This antibody reacts to AGBL5.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	AGBL5
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Target Details

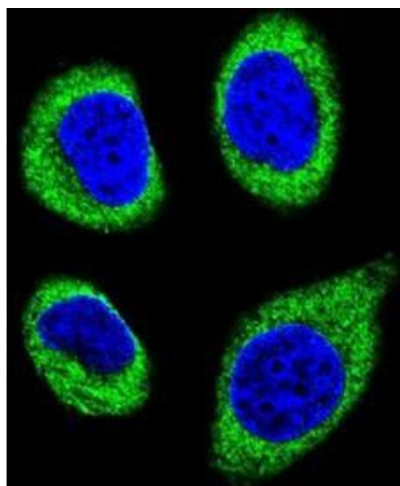
Alternative Name:	AGBL5 / CCP5 (AGBL5 Products)
Background:	AGBL5 has a function in the processing of cytosolic proteins such as alpha tubulin, which is known to be modified by the removal of a C terminal tyrosine. It is expressed in the brain. There are three named isoformsSynonyms: ATP/GTP-binding protein-like 5, Cytosolic carboxypeptidase-like protein 5
Gene ID:	60509
NCBI Accession:	NP_001030584

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

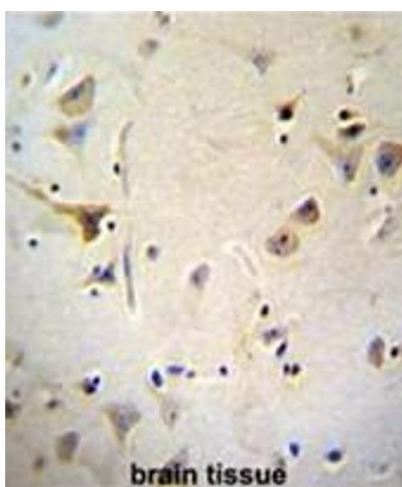
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) sodium azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



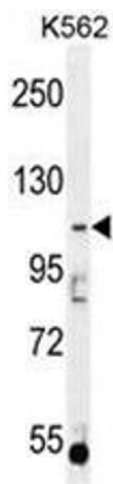
Immunofluorescence

Image 1. Confocal immunofluorescent analysis of AGBL5 Antibody (N-term)(Cat#AP50109PU-N) with U-251MG cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. AGBL5 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of AGBL5 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 3. AGBL5 Antibody (N-term) western blot analysis in K562 cell line lysates (35µg/lane). This demonstrates the AGBL5 antibody detected the AGBL5 protein (arrow).