

G2E3 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18914C**Specification**

G2E3 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O7L622
Other Accession	O4R9C4 , NP_060239.2
Reactivity	Human
Predicted	Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	80504
Antigen Region	226-252

G2E3 Antibody (Center) - Additional Information**Gene ID** 55632**Other Names**

G2/M phase-specific E3 ubiquitin-protein ligase, 632-, G2E3, KIAA1333

Target/Specificity

This G2E3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 226-252 amino acids from the Central region of human G2E3.

Dilution

WB~~1:2000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

G2E3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

G2E3 Antibody (Center) - Protein Information**Name** G2E3**Synonyms** KIAA1333

Function E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Essential in early embryonic development to prevent apoptotic death.

Cellular Location

Nucleus, nucleolus. Cytoplasm. Note=Shuttles between the nucleus and the cytoplasm. In the nucleus, delocalizes from the nucleolus to the nucleoplasm in response to DNA damage

Tissue Location

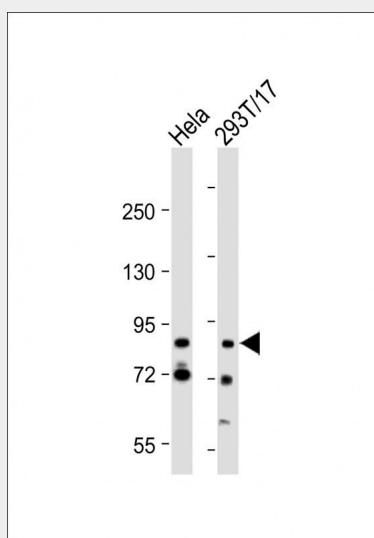
Predominantly expressed in brain, liver, kidney, testes and ovary.

G2E3 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

G2E3 Antibody (Center) - Images



All lanes : Anti-G2E3 Antibody (Center) at 1:2000 dilution Lane 1: HeLa whole cell lysate Lane 2: 293T/17 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 81 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

G2E3 Antibody (Center) - Background

E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Essential in early embryonic development to prevent apoptotic death.

G2E3 Antibody (Center) - References

Brooks, W.S., et al. J. Biol. Chem. 283(32):22304-22315(2008)
Brooks, W.S., et al. Exp. Cell Res. 313(4):665-676(2007)
Lehner, B., et al. Genomics 83(1):153-167(2004)
Crawford, D.F., et al. J. Biol. Chem. 276(40):37166-37177(2001)