

UBE2G2 Antibody (clone 4D6)
Mouse Monoclonal Antibody
Catalog # ALS16116**Specification**

UBE2G2 Antibody (clone 4D6) - Product Information

Application	WB, IF, IHC
Primary Accession	P60604
Reactivity	Human, Mouse, Rat, Monkey, Dog
Host	Mouse
Clonality	Monoclonal
Calculated MW	19kDa KDa

UBE2G2 Antibody (clone 4D6) - Additional Information**Gene ID** 7327**Other Names**

Ubiquitin-conjugating enzyme E2 G2, 6.3.2.19, Ubiquitin carrier protein G2, Ubiquitin-protein ligase G2, UBE2G2

Target/Specificity

Human Ube2G2

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

UBE2G2 Antibody (clone 4D6) is for research use only and not for use in diagnostic or therapeutic procedures.

UBE2G2 Antibody (clone 4D6) - Protein Information**Name** UBE2G2 ([HGNC:12483](#))**Function**

Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins (PubMed:20061386). In vitro catalyzes 'Lys-48'-linked polyubiquitination (PubMed:20061386). Involved in endoplasmic reticulum-associated degradation (ERAD) (PubMed:22607976). Required for sterol-induced ubiquitination of 3- hydroxy-3-methylglutaryl coenzyme A reductase and its subsequent proteasomal degradation (PubMed:23223569).

Cellular Location

Endoplasmic reticulum. Lipid droplet

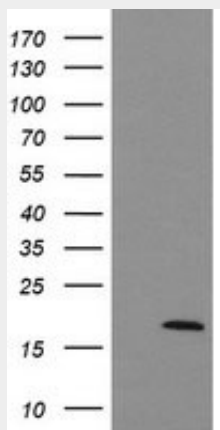
Volume
50 µl

UBE2G2 Antibody (clone 4D6) - Protocols

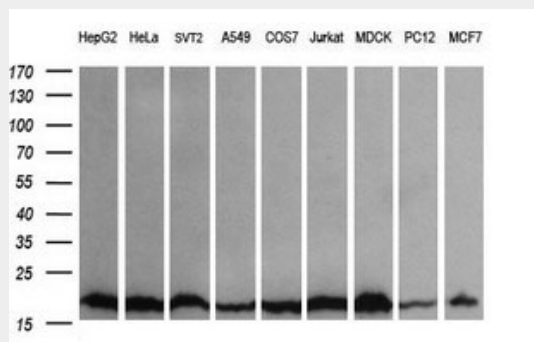
Provided below are standard protocols that you may find useful for product applications.

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

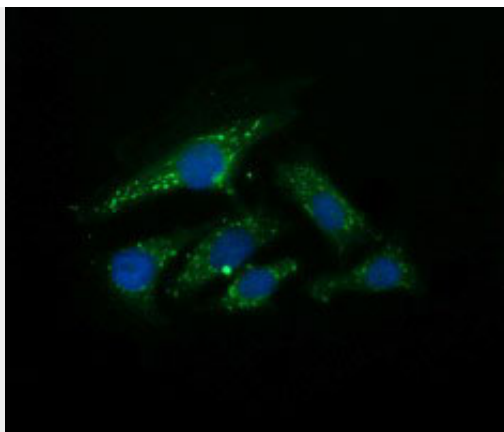
UBE2G2 Antibody (clone 4D6) - Images



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY UBE2G2...



Western blot of extracts (35 ug) from 9 different cell lines by using anti-UBE2G2 monoclonal...



Immunofluorescent staining of HeLa cells using anti-UBE2G2 mouse monoclonal antibody.



Anti-UBE2G2 antibody IHC staining of human brain, cortex.

UBE2G2 Antibody (clone 4D6) - Background

Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys- 48'-linked polyubiquitination. Involved in endoplasmic reticulum- associated degradation (ERAD).

UBE2G2 Antibody (clone 4D6) - References

Katsanis N.,et al.Genomics 51:128-131(1998).
Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hattori M.,et al.Nature 405:311-319(2000).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.