

GATSL2 polyclonal antibody

Catalog: BS32155

Host: Rabbit

Reactivity: Human

BackGround:

Cytosolic arginine sensor for mTORC1 subunit 2: Functions as a negative regulator of the TORC1 signaling pathway through the GATOR complex. As part of homodimers or heterodimers with CASTOR1, directly binds and inhibits the GATOR subcomplex GATOR2 and thereby mTORC1. Does not directly bind arginine, but binding of arginine to CASTOR1 disrupts the interaction of CASTOR2-containing heterodimers with GATOR2 which can in turn activate mTORC1 and the TORC1 signaling pathway

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~36.1 kDa

Swiss-Prot:

A6NHX0

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

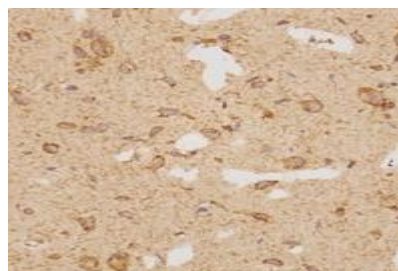
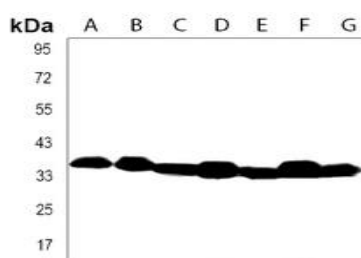
WB (1/500 - 1/1000), IHC (1/50 - 1/100)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of GATSL2 protein.

DATA:**Note:**

For research use only, not for use in diagnostic procedure.

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