

**GBDR1 (R126) polyclonal antibody**

Catalog: BS9166

Host: Rabbit

Reactivity: Human

BackGround:

GBDR1 (glialblastoma cell differentiation-related protein 1), also known as UBAC1 (ubiquitin-associated domain-containing protein 1), KPC2 or UBADC1, is a 405 amino acid protein that localizes to the cytoplasm and contains one ubiquitin-like domain, one STI1 domain and two UBA domains. Expressed ubiquitously with highest expression in heart and skeletal muscle, GBDR1 functions as a non-catalytic subunit of the KPC E3 ubiquitin-protein ligase complex, of which RNF123 is the catalytic subunit. Existing as a critical component of the KPC complex, GBDR1 is essential for the ubiquitination and proteasome-mediated degradation of p27 during the G1 phase of the cell cycle. The gene encoding GBDR1 maps to human chromosome 9, which houses over 900 genes and comprises nearly 4% of the human genome.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 45 kDa

Swiss-Prot:

Q9BSL1

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

Storage&Stability:

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

Specificity:

GBDR1 (R126) polyclonal antibody detects endogenous levels of GBDR1 protein.

DATA:

Immunohistochemistry (IHC) analyzes of GBDR1 (R126) pAb in paraffin-embedded human breast cancer tissue.

Note:

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

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