

**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:**

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

**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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