PHF3 (D2033) polyclonal antibody

Catalog: BS9156	Host: Rabbit	Reactivity: Human,Mouse

BackGround:

PHF3 (PHD finger protein 3) is a 2039 amino acid ubiquitously expressed protein that is phosphorylated upon DNA damage by either ATM or ATR. PHF3 contains a PHD finger motif, a proline-rich region, a TFIIS domain and two bipartite nuclear localization signals. Since these motifs are frequently found in proteins involved in transcription, PHF3 may function as a transcription factor. Expression of PHF3 is significantly reduced in anaplastic astrocytomas, glioblastomas and glioblastoma cell lines, suggesting that PHF3 plays a role as a tumor suppressor. Antibodies against PHF3 are present in some patients afflicted with glioblastoma multiforme and presence of the , correlates to significantly better survival rates. There are two isoforms of PHF3 that are produced as a result of alternative splicing events.

Product:

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

Molecular Weight:

~ 229 kDa

Swiss-Prot:

Q92576

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℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

PHF3 (D2033) polyclonal antibody detects endogenous levels of PHF3 protein.

DATA:

Immunohistochemistry (IHC) analyzes of PHF3 (D2033) pAb in paraffin-embedded human breast cancer tissue.

Note:

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