

#3934 Store at -20C

PHF20 (D96F6) XP® Rabbit mAb


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For Research Use Only. Not for Use in Diagnostic Procedures.

| Applications: | Reactivity: | Sensitivity: | MW (kDa): | Source/Isotype: | UniProt ID: | Entrez-Gene Id: |
|---------------|-------------|--------------|-----------|-----------------|-------------|-----------------|
| WB, IP, IF-IC | H M R Mk | Endogenous | 150 | Rabbit IgG | #Q9BVI0 | 51230 |

| | | |
|--|---|---|
| Product Usage Information | Application Western Blotting Immunoprecipitation Immunofluorescence (Immunocytochemistry) | Dilution 1:1000 1:50 1:400 - 1:1600 |
| Storage | Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at -20°C. Do not aliquot the antibody. | |
| Specificity / Sensitivity | PHF20 (D96F6) XP® Rabbit mAb detects endogenous levels of total PHF20 protein. | |
| Species predicted to react based on 100% sequence homology: | Bovine, Horse, Rabbit | |
| Source / Purification | Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to the human PHF20 protein. | |
| Background | PHD finger protein 20 (PHF20) is a putative transcription factor protein. PHF20 contains a tudor domain, which facilitates binding to di-methylated histone H4 Lys20 (1). PHF20 may contribute to the development of cancers, including glioblastoma, lung cancer, colon cancer and ovarian cancer (2-5). | |
| Background References | 1. Kim, J. et al. (2006) <i>EMBO Rep</i> 7, 397-403. 2. Fischer, U. et al. (2001) <i>Clin Exp Immunol</i> 126, 206-13. 3. Taniwaki, M. et al. (2006) <i>Int J Oncol</i> 29, 567-75. 4. Bankovic, J. et al. (2009) <i>Lung Cancer</i> 67, 151-9. 5. Wang, Y. et al. (2002) <i>J Immunol</i> 169, 1102-9. | |

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|-------------------------------|---|
| Species Reactivity | Species reactivity is determined by testing in at least one approved application (e.g., western blot). |
| Western Blot Buffer | IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight. |
| Applications Key | WB: Western Blotting IP: Immunoprecipitation IF-IC: Immunofluorescence (Immunocytochemistry) |
| Cross-Reactivity Key | H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse GP: Guinea Pig Rab: rabbit All: all species expected |
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