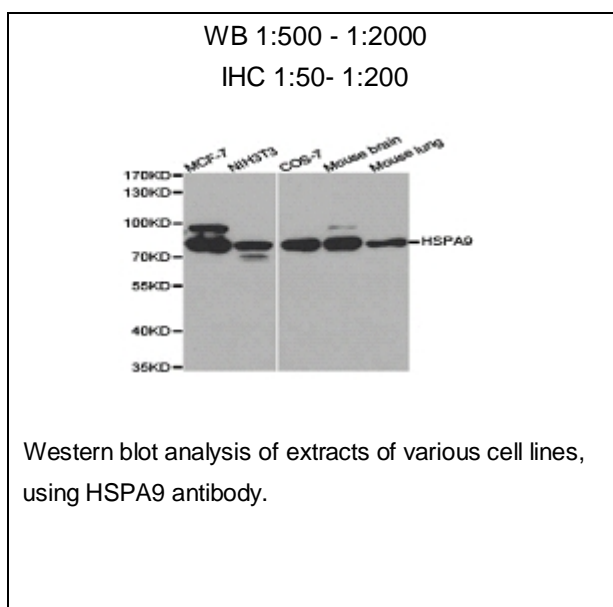




E90558

HSPA9 Polyclonal Antibody

- Catalog Number:** E90558
Amount: 100ul
Background: Grp75, also known as mortalin, is a member of Hsp70 family of chaperone proteins that is not heat-inducible (1,2). This protein is essential for transporting many mitochondrial proteins from the cytoplasm to mitochondria (3). Grp75 inactivates the tumor suppressor p53 (4). Studies found that Grp75 is overexpressed in many tumor tissues and immortalized human cell lines, suggesting its role in the tumor formation (5). Grp75 is also implicated in cell aging, as its overexpression appears to prolong the life span of human fibroblasts (6).
Species: Rabbit
Isotype: IgG
Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Synonyms: HSPA9;CSA;GRP75;HSPA9B;MGC4500;MOT;MOT2;MTHSP75;PBP74;mot-2
Immunogen: Recombinant protein of human HSPA9
Purification: Affinity purification
Reactivity: H M R
Applications: WB IHC
Molecular Weight: 74kDa
Swiss-Prot No. : P38646
Gene ID: 3313
References: 1. Kaul, S.C. et al. (1993) Biochem Biophys Res Commun 193, 348-55. 2. Wadhwa, R. et al. (1993) J Biol Chem 268, 6615-21. 3. Schneider, H.C. et al. (1994) Nature 371, 768-74. 4. Wadhwa, R. et al. (1998) J Biol Chem 273, 29586-91. 5. Wadhwa, R. et al. (2006) Int J Cancer 118, 2973-80. 6. Kaul, S.C. et al. (2003) Exp Cell Res 286, 96-101.



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