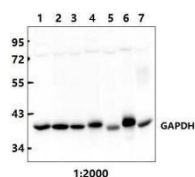


GAPDH mAb (2B8), HRP Conjugated

Catalog No.	IDS0124
Reactivity	Human; Mouse; Rat; Mk; Dg; Ch; Hamster; Rabbit; Pig; sheep; Insect; Yeast
Applications	WB; IHC-p; IF/ICC
Alternative Names	Glyceraldehyde-3-phosphate dehydrogenase; Peptidyl-cysteine S-nitrosylase GAPDH; GAPDH
Formulation	Liquid in PBS containing 50% glycerol and 0.5% BSA.
Source	Mouse
Dilution	WB: 1:500-1:2000; IHC: 1:100-1:300
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Concentration	1 mg/ml
Storage&Stability	Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.
Subcellular Location	-
MW	~ 37 kDa
Background	Loading Control Glyceraldehyde 3 phosphate dehydrogenase (GAPDH) is well known as one of the key enzymes involved in glycolysis. As well as functioning as a glycolytic enzyme in cytoplasm, recent evidence suggests that mammalian GAPDH is also involved in a great number of intracellular processes such as membrane fusion, microtubule bundling, phosphotransferase activity, nuclear RNA export, DNA replication, and DNA repair. During the last decade a lot of data appeared concerning the role of GAPDH in different pathologies including prostate cancer progression, programmed neuronal cell death, age related neuronal diseases, such as Alzheimer's and Huntington's disease. GAPDH is expressed in all cells. It is constitutively expressed in almost all tissues at high levels. There are however some physiological factors such as hypoxia and diabetes that increase GAPDH expression in certain cell types. GAPDH molecule is composed of four 36kDa subunits.
Swiss-Prot	P04406

Products Images:



Western blot (WB) analysis of GAPDH mAb (2B8), HRP Conjugated at 1:2000 dilution
 Lane1:L02 whole cell lysate(40ug)
 Lane2:A549 whole cell lysate(40ug)
 Lane3:MG63 whole cell lysate(40ug)
 Lane4:PC12 whole cell lysate(40ug)
 Lane5:BV2 whole cell lysate(40ug)
 Lane6:The Brain tissue lysate of Rat(40ug)
 Lane7:The Brain tissue lysate of Mouse(40ug)