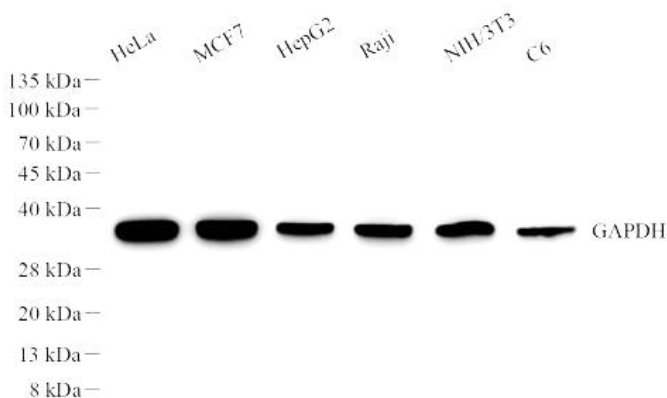


Product name:	Recombinant Anti-GAPDH Rabbit Monoclonal antibody (HRP Conjugated)
Cat number:	MABS15004-HRP
Size:	100 μ L
Concentration:	1mg/ml
Host:	Rabbit
Reactivity:	Human, Mouse, Rat
Applications:	WB 1:1000-1:3000
Molecular Weight:	36 kDa / 36 kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide, 100 μ g/ml BSA and 50% glycerol.
Storage:	Store at -20 $^{\circ}$ C for one year. Avoid repeated freeze/thaw cycles.

Background: Glyceraldehyde 3-phosphate dehydrogenase (abbreviated as GAPDH or less commonly as G3PDH) is an enzyme of ~37kDa that catalyzes the sixth step of glycolysis and thus serves to break down glucose for energy and carbon molecules. In addition to this long established metabolic function, GAPDH has recently been implicated in several non-metabolic processes, including transcription activation, initiation of apoptosis, ER to Golgi vesicle shuttling, and fast axonal, or axoplasmic transport. In sperm, a testis-specific isoenzyme GAPDHS is expressed.



Sample: Protein treated by RIPA Lysis Buffer .Blocking buffer: 3% Nonfat dry milk in TBST, RT, 1 h. Antibody: HRP conjugated anti-GAPDH antibody 1:3000, 4 $^{\circ}$ C overnight.