GAPDH Ab

References(813) Images(229)

Cat.#: AF7021	Concn.: ~1mg/ml	Mol.Wt.: 37kDa
Size:	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:3000-1:30000, IHC 1:50-1:200, IF/ICC 1:200 *The optimal dilutions should be determined by the end user.
Reactivity:	Human,Mouse,Rat,Pig,Bovine,Goat,Monkey,Chicken
Storage:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Immunogen:	A synthesized peptide derived from human GAPDH.
Uniprot:	P04406
Description:	Glyceraldehyde 3 phosphate dehydrogenase (GAPDH) iswell 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 GAPDHis also involved in a great number of intracellular procesessuch as membrane fusion, microtubule bundling, phosphotransferaseactivity, nuclear RNA export, DNA replication,and DNA repair.

Western blot analysis of extracts from various samples, using GAPDH Ab.
Lane 1: Mouse kidney, blocked with antigen-specific peptides.
Lane 2: Mouse kidney.
Lane 3: Hepg2 cells(serum starvation treatment).
Lane 4: Hela cells(heat-shock treatment).

AF7021 at 1/50 staining human colon cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking,

overnight.

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.