

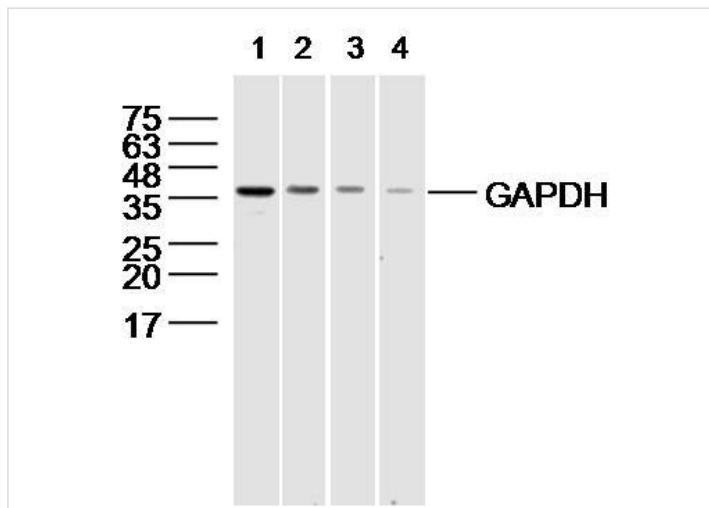
货号: BN42186R

Rabbit Anti-GAPDH (Loading Control) Polyclonal Antibody

DATASHEET

<p>Host: Rabbit</p> <p>Target Protein: GAPDH (Loading Control)</p> <p>IR: Immunogen Range:</p> <p>Clonality: Polyclonal</p> <p>Isotype: IgG</p> <p>Entrez Gene: 2597</p> <p>Swiss Prot: P04406</p> <p>Source: Recombinant human GAPDH full length protein:</p> <p>Purification: affinity purified by Protein A</p> <p>Storage: 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.</p> <p>Background: 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.</p>	<p>Size: 50ul</p> <p>Concentration: 1mg/ml</p> <p>Applications: WB(1:5000-20000) IHC-P(1:100-500) IHC-F(1:100-500) ICC(1:100) IF(1:100-500)</p> <p>Cross Reactive Species: Human Mouse Rat</p> <p>For research use only. Not intended for diagnostic or therapeutic use.</p>
---	--

VALIDATION IMAGES



Sample: 293T(human) cell lysate at 30ug;

Primary:

Lane1: Anti-GAPDH at 1/2000 dilution

Lane2: Anti-GAPDH at 1/10000 dilution

Lane3: Anti-GAPDH at 1/40000 dilution

Lane4: Anti-GAPDH at 1/80000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 38 kD

Observed band size: 38kD

本产品仅用于科研