

## 34-1048: Polyclonal Antibody to Glyceraldehyde 3-Phosphate Dehydrogenase

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB, IF/ICC, IHC
<b>Reactivity :</b>	Human, Rat, Mouse, Cow, Pig, Horse, Chicken
<b>Gene :</b>	GAPDH
<b>Gene ID :</b>	2597
<b>Uniprot ID :</b>	P04406
<b>Format :</b>	Sera
<b>Alternative Name :</b>	Peptidyl-cysteine S-nitrosylase GAPDH
<b>Isotype :</b>	Rabbit, IgG
<b>Immunogen Information :</b>	Native porcine purified protein

### Product Info

<b>Amount :</b>	50 µl / 100 µl
<b>Content :</b>	Antibody is supplied as an aliquot of serum
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

WB: 1:30,000 IF/ICC and IHC: 1:2,000

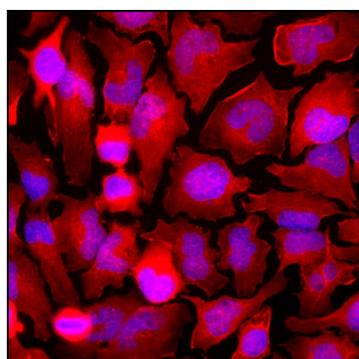


Figure-1: Immunofluorescent analysis of HeLa cells stained with rabbit pAb to GAPDH,(34-1048), dilution 1:2,000 in red. Blue is Hoescht staining of nuclear DNA. The (34-1048) antibody produces diffuse cytoplasmic staining of cells.

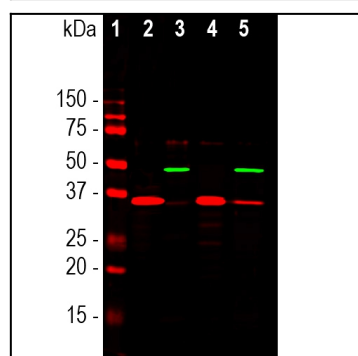


Figure-2: Western blot analysis of different cell cytosolic or nuclear enriched fractions, using rabbit pAb to GAPDH,(34-1048), dilution 1:20,000, in red: [1] protein standard, [2] NIH-3T3 cytosolic, [3] NIH-3T3 nuclear, [4] HeLa cytosolic, and [5] HeLa nuclear fractions. Strong band at 37kDa corresponds to GAPDH protein, mainly detected in the cytosolic fractions. The same blot was simultaneously probed with mouse mAb to the nuclear RNA binding protein SF3B4,(34-1113), dilution 1:1,000, in green. In contrast to GAPDH, SF3B4 is exclusively expressed in the nuclear fraction.