

# GSR Polyclonal Antibody

Catalog Number:E-AB-14115

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

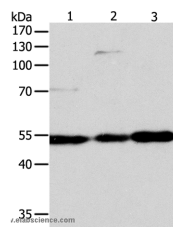
## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	Recombinant protein of human GSR
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

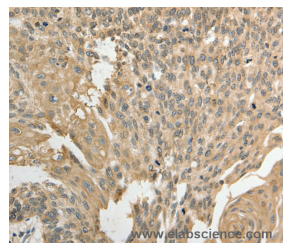
## Applications Recommended Dilution

<b>WB</b>	1:1000-1:5000
<b>IHC</b>	1:50-1:200

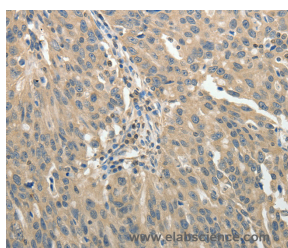
## Data



Western Blot analysis of Jurkat, Hela and A549 cell using GSR Polyclonal Antibody at dilution of 1:750  
**Calculated Mw:56kDa**



Immunohistochemistry of paraffin-embedded Human cervical cancer using GSR Polyclonal Antibody at dilution of 1:50



Immunohistochemistry of paraffin-embedded Human ovarian cancer using GSR Polyclonal Antibody at dilution of 1:50

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

This gene encodes a member of the class-I pyridine nucleotide-disulfide oxidoreductase family. This enzyme is a homodimeric flavoprotein. It is a central enzyme of cellular antioxidant defense, and reduces oxidized glutathione disulfide (GSSG) to the sulfhydryl form GSH, which is an important cellular antioxidant. Rare mutations in this gene result in hereditary glutathione reductase deficiency. Multiple alternatively spliced transcript variants encoding different

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isoforms have been found.

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