Glutaredoxin-1　Polyclona Antibody

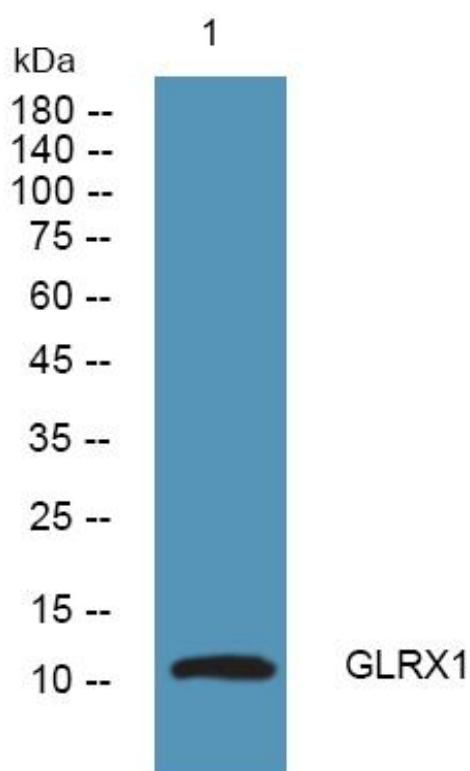|	
Catalog No	BYmab-10926
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	GLRX GRX
Protein Name	Glutaredoxin-1
Immunogen	Synthesized peptide derived from human Glutaredoxin-1　AA range: 8-58
Specificity	This antibody detects endogenous levels of human Glutaredoxin-1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Glutaredoxin-1 (Thioltransferase-1;TTase-1)
Observed Band	
Cell Pathway	Cytoplasm.
Tissue Specificity	Blood,Brain,Lens,Liver,Skin,Spleen,Urinary bladder,
Function	function:Has a glutathione-disulfide oxidoreductase activity in the presence of NADPH and glutathione reductase. Reduces low molecular weight disulfides and proteins.,similarity:Belongs to the glutaredoxin family.,similarity:Contains 1 glutaredoxin domain.,
Background	This gene encodes a member of the glutaredoxin family. The encoded protein is a cytoplasmic enzyme catalyzing the reversible reduction of glutathione-protein mixed disulfides. This enzyme highly contributes to the antioxidant defense system. It is crucial for several signalling pathways by controlling the S-glutathionylation status of signalling mediators. It is involved in beta-amyloid toxicity and Alzheimer's disease. Multiple alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq,

Nanjing BYabscience technology Co.,Ltd

Aug 2011],

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using Glutaredoxin-1   Polyclona Antibody

GLRX1