

Eosinophil Peroxidase Protein | EPX protein

Eukaryotic Eosinophil Peroxidase (EPX)

CATALOG # AAA150181	HOST CHO Cell	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-------------------------	---	---

PRODUCT SYNONYMS

Eosinophil Peroxidase; Eukaryotic Eosinophil Peroxidase (EPX); EPO; EPP; EPX-PEN; EPER; EPX protein

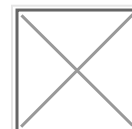
PRODUCT SPECIFICATIONS

Host	CHO Cell
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 95%
Form/Format	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 80ug/mL (varies by lot)
Applicable Applications for EPX protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Eukaryotic expression
Residues	Gln19~Arg300
Tags	N-terminal His Tag
Subcellular Location	Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	9.7
Phenomenon explanation	The possible reasons that the actual band size differs from the predicted are as follows: 1. Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc.
Usage	Reconstitute in ddH2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

IMAGES



SDS-PAGE



Gene Sequence
Gene Sequencing (extract)



Sequence

ADDITIONAL INFORMATION

Product Categories/Family for EPX protein	Enzyme & Kinase
---	-----------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	182146
NCBI GeneID	8288
Molecular Weight	Predicted Molecular Mass: 33.4kDa Accurate Molecular Mass: 44&35kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	eosinophil peroxidase
NCBI Official Synonym Full Names	eosinophil peroxidase
NCBI Official Symbol	EPX
NCBI Official Synonym Symbols	EPO; EPP; EPXD; EPX-PEN
NCBI Protein Information	eosinophil peroxidase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cho-cell-epx-mouse-mus-musculus-protein/eosinophil-peroxidase/150181>