

Rabbit anti-Human EPX Polyclonal Antibody | anti-EPX antibody

EPX Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234559	Rabbit	Human	Immunohistochemistry, ELISA

PRODUCT SYNONYMS

EPX; Polyclonal Antibody; EPX Antibody; Eosinophil peroxidase; Eosinophil peroxidase (EPO) (EC 1.11.1.7) [Cleaved into: Eosinophil peroxidase light chain; Eosinophil peroxidase heavy chain]; EPER EPO EPP; anti-EPX antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Applicable Applications for anti-EPX antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Eosinophil peroxidase protein (140-300AA)
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Immunogen Species	Homo sapiens (Human)
Research Area	Stem Cells
Target Names	EPX
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image of AAA234559 diluted at 1:100 and staining in paraffin-embedded human endometrial cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB. Secondary antibody only control: uses 1% BSA instead of primary antibody.



IHC (Immunohistochemistry)

IHC image of AAA234559 diluted at 1:100 and staining in paraffin-embedded human ovarian cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB. Secondary antibody only control: uses 1% BSA instead of primary antibody



IHC (Immunohistochemistry)

IHC image of AAA234559 diluted at 1:100 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB. Secondary antibody only control: uses 1% BSA instead of primary antibody

ADDITIONAL INFORMATION

Related Product Information for anti-EPX antibody	Mediates tyrosine nitration of secondary granule proteins in mature resting eosinophils. Shows significant inhibitory activity towards Mycobacterium tuberculosis H37Rv by inducing bacterial fragmentation and lysis.
Product Categories/Family for anti-EPX antibody	Cancer; Metabolism; Stem cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503595
NCBI GeneID	8288
NCBI Accession #	NP_000493.1
NCBI GenBank Nucleotide #	NM_000502.5
UniProt Accession #	P11678; Q4TVP3
NCBI Official Full Name	eosinophil peroxidase preproprotein
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
UniProt Protein Name	Eosinophil peroxidase
UniProt Gene Name	EPX
UniProt Synonym Gene Names	EPER; EPO; EPP; EPO

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/epx-antibody-immunohistochemistry-elisa/234559>