Rabbit anti-Human Cytoplasmic tyrosine-protein kinase BMX Polyclonal Antibody | anti-BMX antibody

Rabbit anti-human Cytoplasmic tyrosine-protein kinase BMX polyclonal Antibody(BMX)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119692	**Rabbit**	**Human**	**Immunohistochemistry, ELISA**

PRODUCT SYNONYMS

Cytoplasmic tyrosine-protein kinase BMX; Polyclonal Antibody; Rabbit anti-human Cytoplasmic tyrosine-protein kinase BMX polyclonal Antibody(BMX); Cytoplasmic tyrosine-protein kinase BMX (EC 2.7.10.2) (Bone marrow tyrosine kinase gene in chromosome X protein) (Epithelial and endothelial tyrosine kinase) (ETK) (NTK38); BMX; anti-BMX antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid; PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	675
Applicable Applications for anti-BMX antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Cytoplasmic tyrosine-protein kinase BMX protein (65-280aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-8874 / sc-8873 / sc-20711
Conjugate	Non-conjugated
Species	Homo sapiens (Human)
Research Area	Signal Transduction
Target Names	BMX
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human placenta tissue using AAA119692 at dilution 1:100

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon using AAA119692 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-BMX antibody	Non-receptor tyrosine kinase that plays central but diverse modulatory roles in various signaling processes involved in the regulation of actin reorganization, cell migration, cell proliferation and survival, cell adhesion, and apoptosis. Participates in signal transduction stimulated by growth factor receptors, cytokine receptors, G-protein coupled receptors, antigen receptors and integrins. Induces tyrosine phosphorylation of BCAR1 in response to integrin regulation. Activation of BMX by integrins is mediated by PTK2/FAK1, a key mediator of integrin signaling events leading to the regulation of actin cytoskeleton and cell motility. Plays a critical role in TNF-induced angiogenesis, and implicated in the signaling of TEK and FLT1 receptors, 2 important receptor families essential for angiogenesis. Required for the phosphorylation and activation of STAT3, a transcription factor involved in cell differentiation. Also involved in interleukin-6 (IL6) induced differentiation. Plays also a role in programming adaptive cytoprotection against extracellular stress in different cell systems, salivary epithelial cells, brain endothelial cells, and dermal fibroblasts. May be involved in regulation of endocytosis through its interaction with an endosomal protein RUFY1. May also play a role in the growth and differentiation of hematopoietic cells; as well as in signal transduction in endocardial and arterial endothelial cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502435
NCBI GeneID	660
NCBI Accession #	NP_001712.1
NCBI GenBank Nucleotide #	NM_001721.6
UniProt Accession #	P51813; O60564; Q12871; A6NIH9
NCBI Official Full Name	cytoplasmic tyrosine-protein kinase BMX
NCBI Official Synonym Full Names	BMX non-receptor tyrosine kinase
NCBI Official Symbol	BMX
NCBI Official Synonym Symbols	ETK; PSCTK2; PSCTK3
NCBI Protein Information	cytoplasmic tyrosine-protein kinase BMX
UniProt Protein Name	Cytoplasmic tyrosine-protein kinase BMX
UniProt Gene Name	**BMX**
UniProt Synonym Gene Names	ETK
UniProt Entry Name	BMX_HUMAN

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://stage.aaabiotech.com/polyclonal/cytoplasmic-tyrosine-protein-kinase-bmx-antibody-immunohistochemistry-elisa/119692