

Rabbit anti-Human HMX2 Polyclonal Antibody | anti-HMX2 antibody

HMX2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234780	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

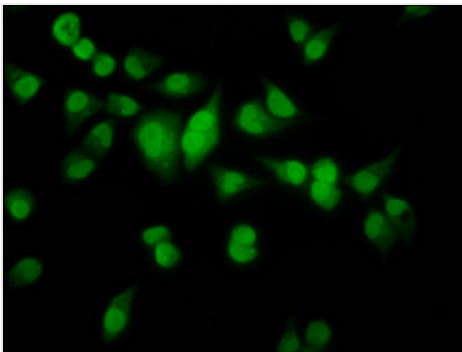
PRODUCT SYNONYMS

HMX2; Polyclonal Antibody; HMX2 Antibody; Homeobox protein HMX2; Homeobox protein H6 family member 2; anti-HMX2 antibody

PRODUCT SPECIFICATIONS

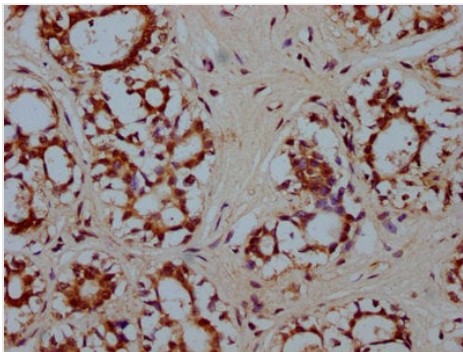
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	273
Applicable Applications for anti-HMX2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Homeobox protein HMX2 protein (1-150AA)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Research Area	Neuroscience
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with AAA234780 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234780 diluted at 1:300 and staining in paraffin-embedded human breast 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 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-HMX2 antibody	Transcription factor involved in specification of neuronal cell types and which is required for inner ear and hypothalamus development.
Product Categories/Family for anti-HMX2 antibody	Epigenetics and Nuclear Signaling; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	70608170
NCBI GeneID	3167
NCBI Accession #	NP_005510.1
NCBI GenBank Nucleotide #	NM_005519.1
UniProt Accession #	A2RU54; B2RNV5
NCBI Official Full Name	homeobox protein HMX2
NCBI Official Synonym Full Names	H6 family homeobox 2
NCBI Official Symbol	HMX2
NCBI Official Synonym Symbols	H6L; Nkx5-2
NCBI Protein Information	homeobox protein HMX2
UniProt Protein Name	Homeobox protein HMX2
UniProt Gene Name	HMX2

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/hmx2-antibody-immunofluorescence-immunohistochemistry-elisa/234780>