

Rabbit anti-Human EMP2 Polyclonal Antibody | anti-EMP2 antibody

EMP2 Antibody

CATALOG # AAA306059	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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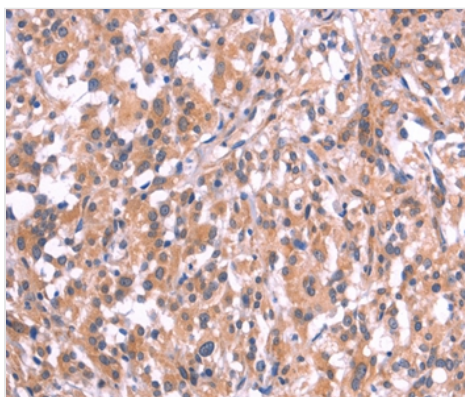
PRODUCT SYNONYMS

EMP2; Polyclonal Antibody; EMP2 Antibody; XMP; anti-EMP2 antibody

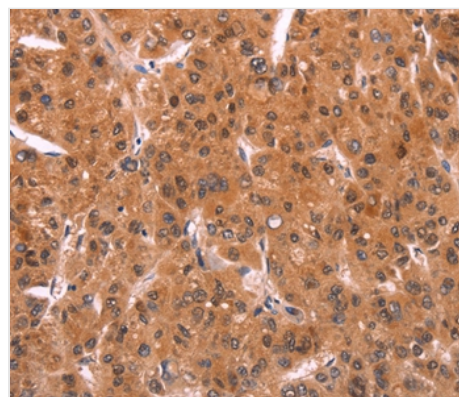
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total EMP2 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.5 mg/ml (varies by lot)
Sequence Length	167
Applicable Applications for anti-EMP2 antibody	IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human epithelial membrane protein 2
Target Name	EMP2
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/20.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/20.

ADDITIONAL INFORMATION

Related Product Information for anti-EMP2 antibody	EMP-2 (epithelial membrane protein 2), also known as XMP, is a 167 amino acid multi-pass membrane protein that contains four-transmembrane domains and belongs to the GAS3/PMP22 (growth arrest-specific-3/peripheral myelin protein-22) family. Localized to lipid raft domains in the plasma membrane, EMP-2 regulates the expression of several target proteins and is necessary for blastocyst implantation in the uterine endometrium. Specifically, EMP-2 mediates blastocyst implantation by controlling the cell membrane expression of MHC and glycosylphosphatidylinositol-anchored proteins, as well as Integrins and caveolin-1. In adult tissues, EMP-2 is expressed in heart, lung, ovary and intestine, while fetal expression is highest in kidney, brain and liver. Overexpression of EMP-2 is associated with endometrial adenocarcinoma, suggesting a possible role for EMP-2 in tumorigenesis.
Product Categories/Family for anti-EMP2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503561
NCBI GeneID	2013
NCBI Accession #	NP_001415.1
NCBI GenBank Nucleotide #	NM_001424.5
UniProt Accession #	P54851; B2R7V6; D3DUF8
Molecular Weight	19,199 Da
NCBI Official Full Name	epithelial membrane protein 2
NCBI Official Synonym Full Names	epithelial membrane protein 2
NCBI Official Symbol	EMP2
NCBI Official Synonym Symbols	XMP
NCBI Protein Information	epithelial membrane protein 2
UniProt Protein Name	Epithelial membrane protein 2
UniProt Gene Name	EMP2
UniProt Synonym Gene Names	XMP; EMP-2
UniProt Entry Name	EMP2_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/emp2-antibody-immunohistochemistry-elisa/306059>