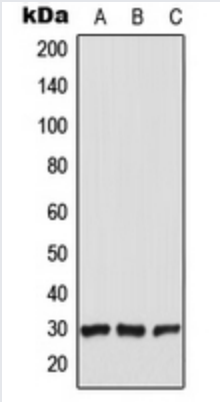
CT47A1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CT47 (CT47A1), Polyclonal Antibody
Full Product Name	Anti-CT47 Antibody
Product Gene Name	anti-CT47A1 antibody
Product Synonym Gene Name	CT47A2; CT47A3; CT47A4; CT47A5; CT47A6; CT47A7; CT47A8; CT47A9; CT47A10; CT47A11; CT47A12
Product Synonym Names	CT47.1; CT47.2; CT47.3; CT47.4; CT47.5; CT47.6; CT47.7; CT47.8; CT47.9; CT47.10; CT47.11; CT47.12; Cancer/testis antigen 47A; Cancer/testis antigen 47; CT47
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat, Monkey
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of CT47 protein.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Antibody/Peptide Pairs	CT47 peptide (MBS822889) is used for blocking the activity of CT47 antibody (MBS820827)
Molecular Weight	30,100 Da
OMIM	gene 300789
3D Structure	ModBase 3D Structure for Q5JQC4
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CT47. The exact sequence is proprietary.
Applications Tested/Suitable for anti-CT47A1 antibody	Western Blot (WB)
Application Notes for anti-CT47A1 antibody	WB (1/500 - 1/1000)
Related Product Information for anti-CT47A1 antibody	MBS820827 is an antibody targeting CT47A1. Also known as Anti-CT47 Antibody. Reactive in Human, Mouse, Rat, Monkey. Host: Rabbit. Rabbit polyclonal antibody to CT47
Other Notes	Small volumes of anti-CT47A1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-CT47A1 antibody
Western blot analysis of CT47 expression in HEK293T (A), Raw264.7 (B), PC12 (C) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CT47A1. It may not necessarily be applicable to this product.

NCBI GI #	121949786
NCBI GeneID	728036
NCBI Accession #	NP_001073606.1
UniProt Primary Accession #	Q5JQC4
UniProt Secondary Accession #	Q8N747
UniProt Related Accession #	Q5JQC4
GenBank Nucleotide #	NM_001080137.1
NCBI Official Full Name	cancer/testis antigen 47A
NCBI Official Synonym Full Names	cancer/testis antigen family 47, member A10
NCBI Official Symbol	CT47A10
NCBI Official Synonym Symbols	CT47; CT47.10
UniProt Protein Name	Cancer/testis antigen 47A
UniProt Synonym Protein Names	Cancer/testis antigen 47; CT47
Protein Family	Cancer/testis antigen
UniProt Gene Name	CT47A1
UniProt Synonym Gene Names	CT47.1; CT47
UniProt Entry Name	CT47A_HUMAN
NCBI Protein Information	cancer/testis antigen 47A; cancer/testis CT47 family, member 10
UniProt Comments for CT47A1	CT47A: Protein type: Cancer Testis Antigen (CTA) Chromosomal Location of Human Ortholog: Xq24

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