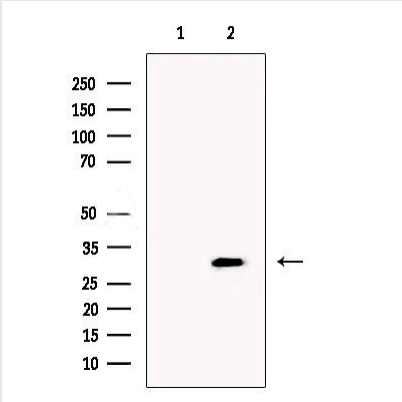
CLCA3P Antibody – Rabbit Polyclonal

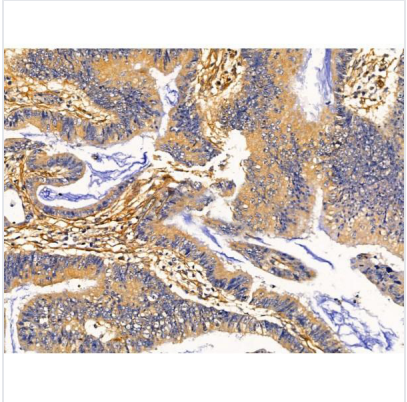
PRODUCT OVERVIEW

Product Name	CLCA3 (CLCA3P), Polyclonal Antibody
Full Product Name	CLCA3 Antibody
Product Gene Name	anti-CLCA3P antibody
Product Synonym Gene Name	CLCA3
Product Synonym Names	Calcium-activated chloride channel regulator family member 3; Chloride channel accessory 3 pseudogene; chloride channel calcium activated 3; Clca1; Clca2; CLCA3P; Gob 5; gob5; hCLCA3; mCLCA3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Concentration	1mg/ml (lot specific)
Specificity	CLCA3 Antibody detects endogenous levels of total CLCA3.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.
Antibody/Peptide Pairs	CLCA3 peptide (MBS9622163) is used for blocking the activity of CLCA3 antibody (MBS9612219)
Molecular Weight	Observed Molecular Weight: (Observed)29kD. Predicted Molecular Weight: (Calculated)30kDa.
OMIM	604337
3D Structure	ModBase 3D Structure for Q9Y6N3
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
Immunogen	A synthesized peptide derived from human CLCA3, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CLCA3P antibody	ELISA (EIA)
Application Notes for anti-CLCA3P antibody	IF: 1:100-1:500 ICC: 1:100-1:500 WB: 1:500-1:2000 IHC: 1:50-1:200 ELISA(peptide): 1:20,000-1:40,000

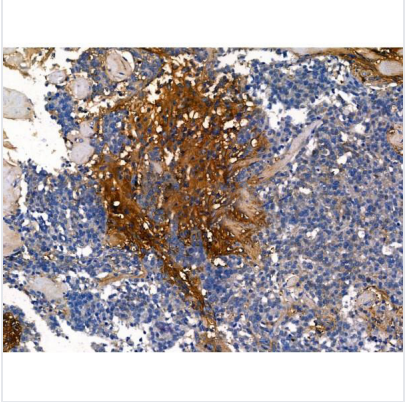
Related Product Information for anti-CLCA3P antibody	Post Translational Modifications: N-glycosylated. Subcellular Location: Secreted. Tissue Specificity: Expressed in the lung, trachea, spleen, thymus and mammary gland. Similarity: Belongs to the CLCR family.
Other Notes	Small volumes of anti-CLCA3P 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.
Searchable Terms for CLCA3P purchase	MBS9612219 is an antibody targeting CLCA3P. Also known as CLCA3 Antibody. Reactive in Human. Host: Rabbit.



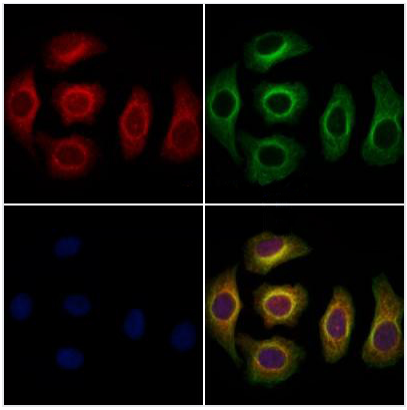
Western Blot (WB) of anti-CLCA3P antibody
Western blot analysis of extracts from WiDr, using CLCA3 Antibody. The lane on the left was treated with blocking peptide.



Immunohistochemistry (IHC)-Paraffin of anti-CLCA3P antibody
MBS9612219 at 1/100 staining Human colorectal cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



Immunohistochemistry (IHC)-Paraffin of anti-CLCA3P antibody
MBS9612219 at 1/100 staining Human ovarian cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



Immunofluorescence (IF)/Immunocytochemistry (ICC) of anti-CLCA3P antibody
MBS9612219 staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25Â°C. Samples were then incubated with primary Ab(MBS9612219 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37Â°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.The nuclear counter stain is DAPI(blue).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CLCA3P. It may not necessarily be applicable to this product.

NCBI GI #	74721541
NCBI GeneID	9629
NCBI Accession #	Q9Y6N3.1

UniProt Primary Accession #	Q9Y6N3
UniProt Related Accession #	Q9Y6N3
NCBI Official Full Name	Calcium-activated chloride channel regulator family member 3
NCBI Official Synonym Full Names	chloride channel accessory 3, pseudogene
NCBI Official Symbol	CLCA3P
NCBI Official Synonym Symbols	CLCA3
UniProt Protein Name	Calcium-activated chloride channel regulator family member 3
Protein Family	Calcium-activated chloride channel regulator family
UniProt Gene Name	CLCA3P
UniProt Synonym Gene Names	CLCA3; Calcium-activated chloride channel family member 3; hCLCA3
UniProt Entry Name	CLCA3_HUMAN
NCBI Summary for CLCA3P	This gene is a transcribed pseudogene belonging to the calcium sensitive chloride conductance protein family. To date, all members of this gene family map to the same site on chromosome 1p31-p22 and share high degrees of homology in size, sequence and predicted structure, but differ significantly in their tissue distributions. This gene contains several nonsense codons compared to other family members that render the transcript a candidate for nonsense-mediated mRNA decay (NMD). Therefore, this gene is unlikely to be protein-coding. [provided by RefSeq, Jan 2009]
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