

Rabbit anti-Human CES7 Polyclonal Antibody | anti-CES5A antibody

CES7 Antibody (Center)

CATALOG # AAA284848	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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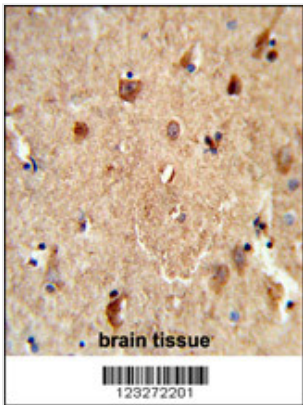
PRODUCT SYNONYMS

CES7; Polyclonal Antibody; CES7 Antibody (Center); Carboxylesterase 5A; Carboxylesterase-like urinary excreted protein homolog; Cauxin; CES5A; anti-CES5A antibody

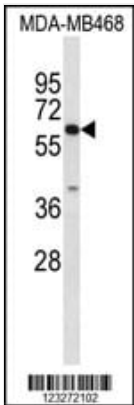
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CES7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 244-270 amino acids from the Central region of human CES7.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.32 (varies by lot)
Sequence Positions	244-270
Sequence Length	604
Applicable Applications for anti-CES5A antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with CES7 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CES7 Antibody (Center) in MDA-MB468 cell line lysates (35ug/lane). CES7 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CES5A antibody	CES7 is involved in the detoxification of xenobiotics and in the activation of ester and amide prodrugs (By similarity).
Product Categories/Family for anti-CES5A antibody	Signal Transduction
References	Ota T., et.al., Nat. Genet. 36:40-45(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	219521907
NCBI GeneID	221223
NCBI Accession #	NP_001137157.1; NP_001177087.1; NP_659461.1
NCBI GenBank Nucleotide #	NM_001143685.1
UniProt Accession #	Q6NT32; Q8NBC8; Q96DN9; B7Z252; B7ZLB6
Molecular Weight	63926
NCBI Official Full Name	carboxylesterase 5A isoform 1
NCBI Official Synonym Full Names	carboxylesterase 5A
NCBI Official Symbol	CES5A
NCBI Official Synonym Symbols	CES5; CES7; CAUXIN; CES4C1; HEL126
NCBI Protein Information	carboxylesterase 5A
UniProt Protein Name	Carboxylesterase 5A
UniProt Gene Name	CES5A
UniProt Synonym Gene Names	CES7; Cauxin
UniProt Entry Name	EST5A_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.

