

Product datasheet for **TA372215**

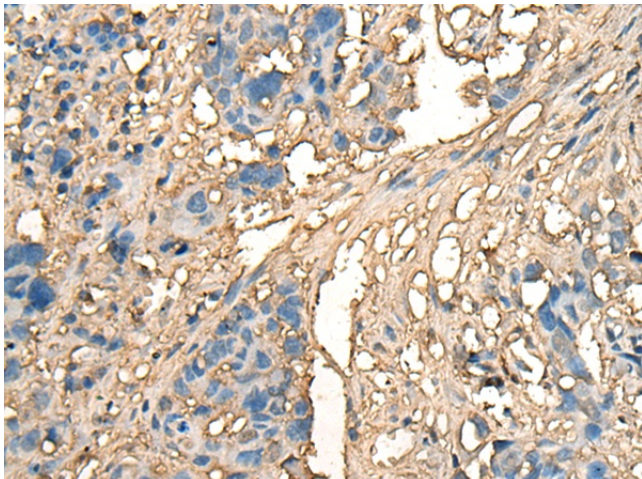
CELA1 Rabbit Polyclonal Antibody

Product data:

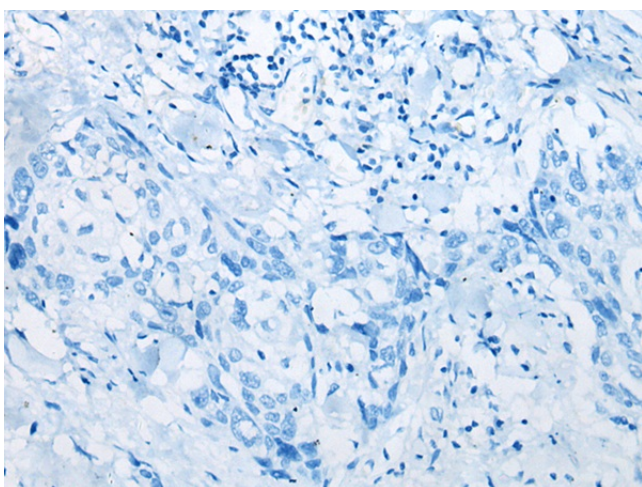
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-300 Positive control: Human lung cancer Predicted cell location: Secreted
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human CELA1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	chymotrypsin like elastase family member 1
Database Link:	Entrez Gene 1990 Human Q9UNI1
Background:	Elastases form a subfamily of serine proteases that hydrolyze many proteins in addition to elastin. Humans have six elastase genes which encode the structurally similar proteins elastase 1, 2, 2A, 2B, 3A, and 3B. Unlike other elastases, pancreatic elastase 1 is not expressed in the pancreas. To date, elastase 1 expression has only been detected in skin keratinocytes. Clinical literature that describes human elastase 1 activity in the pancreas or fecal material is actually referring to chymotrypsin-like elastase family, member 3B.
Synonyms:	ELA1; Elastase-1



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Product images:

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA372215 (CELA1 Antibody) at dilution 1/70 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA372215 (CELA1 Antibody) at dilution 1/70, treated with synthetic peptide. (Original magnification: $\times 200$)