



Trypsin-3 Polyclonal Antibody

Catalog No	YP-Ab-04259
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	PRSS3
Immunogen	The antiserum was produced against synthesized peptide derived from human Trypsin-3. AA range:117-166
Specificity	Trypsin-3 Polyclonal Antibody detects endogenous levels of Trypsin-3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PRSS3;PRSS4;Serine protease 3;Serine protease 4;T9;TRY3;TRY3_HUMAN;TRY4;Trypsin 3;Trypsin III;Trypsin IV;Trypsin-3;Trypsinogen 4;Trypsinogen 5;Trypsinogen IV;Brain trypsinogen;Mesotrypsinogen
Observed Band	32kD
Calculated Molecular Weight	32kD
Cell Pathway	Secreted .
Tissue Specificity	Detected in pancreas and pancreatic fluid (at protein level) (PubMed:6698368). Expressed in pancreas and brain (PubMed:8294000). Detected in ileum (PubMed:12021776).
Function	catalytic activity:Preferential cleavage: Arg- -Xaa, Lys- -Xaa.,cofactor:Binds 1 calcium ion per subunit.,similarity:Belongs to the peptidase S1 family.,similarity:Contains 1 peptidase S1 domain.,tissue specificity:Pancreas and brain.,
Background	This gene encodes a trypsinogen, which is a member of the trypsin family of serine proteases. This enzyme is expressed in the brain and pancreas and is resistant to common trypsin inhibitors. It is active on peptide linkages involving the carboxyl group of lysine or arginine. This gene is localized to the locus of T



cell receptor beta variable orphans on chromosome 9. Four transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Oct 2010],

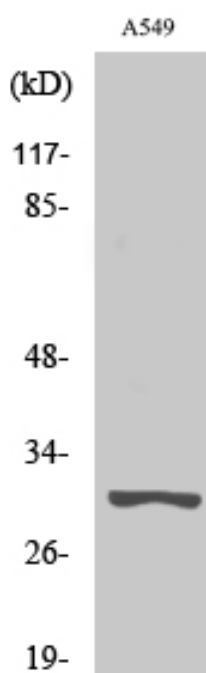
matters needing attention

Avoid repeated freezing and thawing!

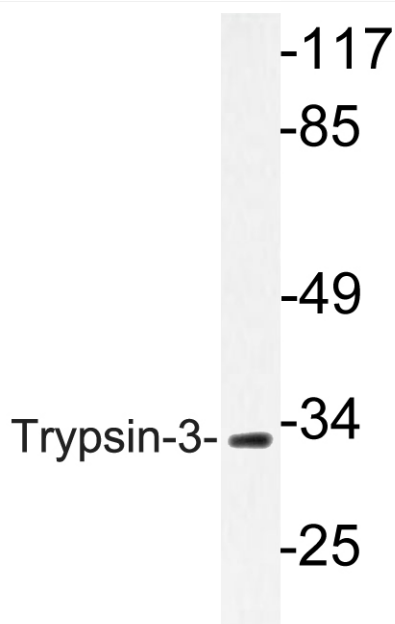
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Trypsin-3 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysate from A549 cells, using Trypsin-3 antibody.