

**Trypsin-3 rabbit pAb****Cat#: orb766524 (Manual)**

For research use only. Not intended for diagnostic use.

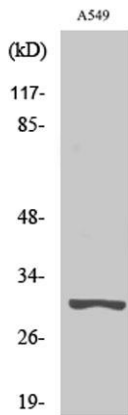
<b>Product Name</b>	Trypsin-3 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Trypsin-3. AA range:117-166
<b>Specificity</b>	Trypsin-3 Polyclonal Antibody detects endogenous levels of Trypsin-3 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Trypsin-3
<b>Gene Name</b>	PRSS3
<b>Cellular localization</b>	Secreted .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

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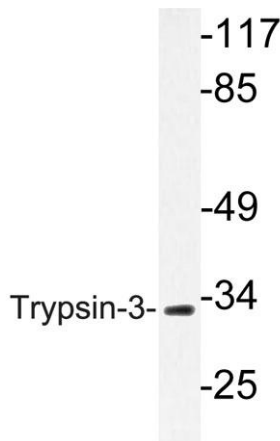
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	32kD
<b>Human Gene ID</b>	5646
<b>Human Swiss-Prot Number</b>	P35030
<b>Alternative Names</b>	PRSS3; PRSS4; TRY3; TRY4; Trypsin-3; Brain trypsinogen; Mesotrypsinogen; Serine protease 3; Serine protease 4; Trypsin III; Trypsin IV

**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],



**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.**



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