



# Stathmin-3 rabbit pAb

Cat No.:ES3520

For research use only

## Overview

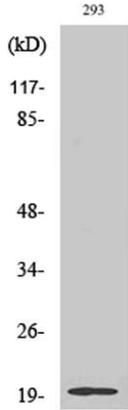
<b>Product Name</b>	Stathmin-3 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA;IHC
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human STMN3. AA range:61-110
<b>Specificity</b>	Stathmin-3 Polyclonal Antibody detects endogenous levels of Stathmin-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>	Stathmin-3
<b>Gene Name</b>	STMN3
<b>Cellular localization</b>	Golgi apparatus . Cell projection, growth cone . Cell projection, axon . Cytoplasm, cytosol .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	22kD
<b>Human Gene ID</b>	50861
<b>Human Swiss-Prot Number</b>	Q9NZ72
<b>Alternative Names</b>	STMN3; SCLIP; Stathmin-3; SCG10-like protein
<b>Background</b>	This gene encodes a protein which is a member of the stathmin protein family. Members of this protein family form a complex with tubulins at a ratio of 2 tubulins for each stathmin protein. Microtubules require the ordered assembly of alpha- and beta-tubulins, and formation of a complex with stathmin disrupts microtubule formation and



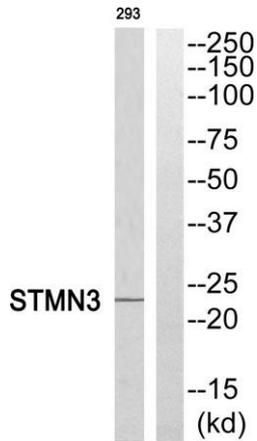


function. A pseudogene of this gene is located on chromosome 22. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013],

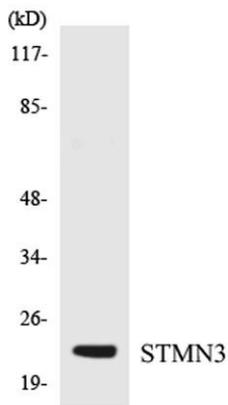
Western Blot analysis of various cells using Stathmin-3 Polyclonal Antibody



Western blot analysis of STMN3 Antibody. The lane on the right is blocked with the STMN3 peptide.



Western blot analysis of the lysates from K562 cells using STMN3 antibody.





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Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



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