

## CRNN Rabbit pAb

<b>Catalog No.</b>	A8762	<b>Category</b>	Polyclonal Antibodies
<b>Applications</b>	WB	<b>Observed MW</b>	60kDa
<b>Cross-reactivity</b>	Human, Mouse	<b>Calculated MW</b>	53kDa

### Immunogen Information

<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 396-495 of human CRNN (NP_057274.1).
<b>Gene ID</b>	49860
<b>Swiss prot</b>	Q9UBG3
<b>Synonyms</b>	CRNN;C1orf10;DRC1;PDRC1;SEP53;cornulin

### Product information

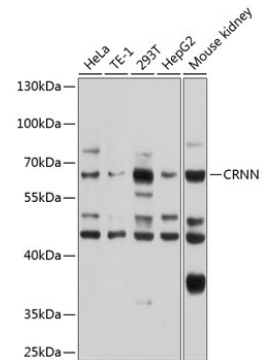
<b>Source</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification method</b>	Affinity purification
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

### Background

This gene encodes a member of the 'fused gene' family of proteins, which contain N-terminus EF-hand domains and multiple tandem peptide repeats. The encoded protein contains two EF-hand Ca<sup>2+</sup> binding domains in its N-terminus and two glutamine- and threonine-rich 60 amino acid repeats in its C-terminus. This gene, also known as squamous epithelial heat shock protein 53, may play a role in the mucosal/epithelial immune response and epidermal differentiation.

### Recommended Dilutions

WB 1:500 - 1:1000



Western blot analysis of extracts of various cell lines, using CRNN antibody (A8762) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.