

## CA4 Polyclonal Antibody

Catalog number: 13931-1-AP

Size: 31 µg/150 µl

Source: Rabbit

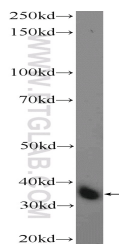
Isotype: IgG

Synonyms:

CA4; CA IV, CA4, CAIV, Car4,

Carbonate dehydratase IV,

Carbonic anhydrase 4, carbonic  
anhydrase IV, RP17



mouse lung tissue were subjected to SDS PAGE followed by western blot with 13931-1-AP( CA4 Antibody) at dilution of 1:300

### Background

CA4(Carbonic anhydrase 4) is a glycosylphosphatidyl-inositol-anchored membrane isozyme expressing on the luminal surfaces of pulmonary, chorionic (and certain other) capillaries and of proximal renal tubules. It plays a critical role by maintaining the pH in the outer retina, which is important for the normal function of photoreceptors. This protein belongs to the alpha-carbonic anhydrase family.

### Applications

Tested applications:	ELISA, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated CA4 MW:	35 kDa
Observed CA4 MW:	35 kDa
Positive WB detected in	Mouse lung tissue, rat lung tissue
Recommended dilution:	WB: 1:200-1:1000

Application key: WB = Western blotting, IHC= Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag4960
GenBank accession number:	BC057792
Gene ID (NCBI):	762
Full name:	Carbonic anhydrase IV

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.