

## Anti-HDAC11 Antibody Picoband® HRP Conjugated

Catalog Number: PB9630-HRP

### About HDAC11

Histone deacetylase 11 is a 39kDa histone deacetylase enzyme that in humans is encoded by the HDAC11 gene on chromosome 3 in humans and chromosome 6 in mice. This gene encodes a class IV histone deacetylase. And the encoded protein is localized to the nucleus and may be involved in regulating the expression of interleukin 10. Alternative splicing results in multiple transcript variants. HDAC11 expression is normally found in brain and testis tissue, but upregulation of HDAC11 expression has also been seen in various cancer cells. In addition, HDAC11 has been shown to be a negative regulator of IL-10 production in antigen presenting cells. It has also been shown that inhibition of HDAC11 results in increased expression of OX40L in Hodgkin lymphoma cells.

### Overview

Product Name	Anti-HDAC11 Antibody Picoband® HRP Conjugated
Reactive Species	Human, Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q96DB2

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human HDAC11, different from the related mouse sequence by one amino acid.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	HRP
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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