

**CAB1080**

## Product Information

<b>Product SKU:</b>	CAB1080	<b>Gene ID:</b>	249	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

## Additional Information

<b>Observed MW:</b>	80kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	57kDa	<b>Isotype:</b>	IgG

## Immunogen Information

<b>Background:</b>	This gene encodes a member of the alkaline phosphatase family of proteins. There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue non-specific). The first three are located together on chromosome 2, while the tissue non-specific form is located on chromosome 1. The product of this gene is a membrane bound glycosylated enzyme that is not expressed in any particular tissue and is, therefore, referred to as the tissue-nonspecific form of the enzyme. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature enzyme. This enzyme may play a role in bone mineralization. Mutations in this gene have been linked to hypophosphatasia, a disorder that is characterized by hypercalcemia and skeletal defects.
<b>Recommended Dilution:</b>	WB,1:500 - 1:1000 IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200
<b>Synonyms:</b>	HOPS; HPPA; HPPC; HPPI; HPPO; TNAP; TNALP; APTNAP; TNSALP; AP-TNAP; TNS-ALP; Alkaline Phosphatase (ALPL)
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 120-260 of human Alkaline Phosphatase (ALPL) (NP_000469.3).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.