

**CAB14044**

## **Product Information**

<b>Product SKU:</b>	CAB14044	<b>Gene ID:</b>	5351	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Mouse

## **Additional Information**

<b>Observed MW:</b>	125kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	84kDa	<b>Isotype:</b>	IgG

## **Immunogen Information**

**Background:** Lysyl hydroxylase is a membrane-bound homodimeric protein localized to the cisternae of the endoplasmic reticulum. The enzyme (cofactors iron and ascorbate) catalyzes the hydroxylation of lysyl residues in collagen-like peptides. The resultant hydroxylysyl groups are attachment sites for carbohydrates in collagen and thus are critical for the stability of intermolecular crosslinks. Some patients with Ehlers-Danlos syndrome type VI have deficiencies in lysyl hydroxylase activity. Two transcript variants encoding different isoforms have been found for this gene.

<b>Recommended Dilution:</b>	WB,1:500 - 1:2000
<b>Synonyms:</b>	LH; LH1; LLH; EDS6; PLOD; EDSKCL1; PLOD1
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 488-727 of human PLOD1 (NP_000293.2).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.