

## Rat DKK1 Antibody Pair Set

**Catalog No.** E-KAB-0637

**Applications**

ELISA

**Synonyms** DKK-1;SK

### Kit components & Storage

Title	Specifications	Storage
Rat DKK1 Capture Antibody	1 vial, 100 µg	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Rat DKK1 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20℃ for one year. Avoid freeze/thaw cycles.

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

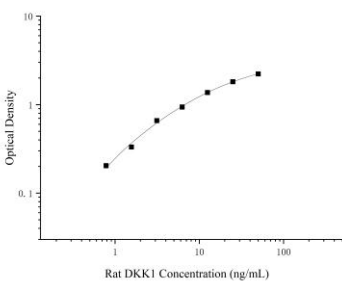
### Product Information

Items		Characteristic (E-KAB-0637)	
		Rat DKK1 Capture Antibody	Rat DKK1 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Rat DKK1 protien	Recombinant Rat DKK1 protien
	Swissprot	D3Z9J1	
Product details	Reactivity	Rat	Rat
	Host	Sheep	Sheep
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Antigen Affinity	Antigen Affinity
	Specificity	Detects Rat DKK1 in ELISAs.	

### For Research Use Only

## Applications

### Rat DKK1 Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Rat DKK1 Capture Antibody	
ELISA Detection	1:1000-1:10000	Rat DKK1 Detection Antibody (Biotin)	

**Note:** This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

## Background

This gene encodes a protein that is a member of the dickkopf family. It is a secreted protein with two cysteine rich regions and is involved in embryonic development through its inhibition of the WNT signaling pathway. Elevated levels of DKK1 in bone marrow plasma and peripheral blood is associated with the presence of osteolytic bone lesions in patients with multiple myeloma.

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