

KL Conjugated Antibody

Catalog No: #C43404



Package Size: #C43404-AF350 100ul #C43404-AF405 100ul #C43404-AF488 100ul
 #C43404-AF555 100ul #C43404-AF594 100ul #C43404-AF647 100ul
 #C43404-AF680 100ul #C43404-AF750 100ul #C43404-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	KL Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rat
Specificity	The antibody detects endogenous levels of total KL protein.
Immunogen Description	Synthetic peptide of human KL
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	KLOT; Klotho; Klotho peptide
Accession No.	Swiss-Prot#:Q9UEF7NCBI Gene ID:9365NCBI mRNA#:NP_004786NCBI Protein#:
Uniprot	Q9UEF7
GeneID	9365;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	62KD
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

This gene encodes a type-I membrane protein that is related to beta-glucosidases. Reduced production of this protein has been observed in patients with chronic renal failure (CRF), and this may be one of the factors underlying the degenerative processes (e.g., arteriosclerosis, osteoporosis, and skin atrophy) seen in CRF. Also, mutations within this protein have been associated with ageing and bone loss.

Note: This product is for in vitro research use only