



Anti-CA1 polyclonal antibody (CPBT-67367SH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Sheep anti Human carbonic anhydrase I antibody recognizes human carbonic anhydrase I, a cytoplasmic protein that catalyses the reversible hydration of carbon dioxide. This antibody has not been cross-adsorbed and may react with similar peptides from related species.
Specificity	CA1
Immunogen	Human carbonic anhydrase I from erythrocytes
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Human
Conjugate	HRP
Applications	IHC-Fr; ELISA
Size	1 mg
Preservative	None
Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CA1 carbonic anhydrase I [Homo sapiens (human)]
Official Symbol	CA1

Synonyms	CA1; carbonic anhydrase I; CAB; CA-I; Car1; HEL-S-11; carbonic anhydrase 1; carbonic anhydrase B; carbonate dehydratase I; epididymis secretory protein Li 11;
Entrez Gene ID	759
Protein Refseq	NP_001122301
UniProt ID	P00915
Chromosome Location	8q21.2
Pathway	C-MYB transcription factor network; Erythrocytes take up carbon dioxide and release oxygen; Erythrocytes take up oxygen and release carbon dioxide; Metabolism; Nitrogen metabolism; O2/CO2 exchange in erythrocytes; Reversible hydration of carbon dioxide;
Function	carbonate dehydratase activity; zinc ion binding;