



Anti-EPHA4 (extracellular domain) polyclonal antibody (CPBT-34020GM)

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

PRODUCT INFORMATION

Product Overview	Goat Polyclonal antibody to Mouse EPHA4.
Antigen Description	This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically h
Specificity	Ubiquitous.
Immunogen	Recombinant fragment (extracellular domain) (Mouse). Expressed in NSO cells.
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, I-ELISA
Sequence Similarities	Belongs to the protein kinase superfamily. Tyr protein kinase family. Ephrin receptor subfamily.Contains 2 fibronectin type-III domains.Contains 1 protein kinase domain.Contains 1 SAM (sterile alpha motif) domain.
Cellular Localization	Membrane.
Format	Liquid
Size	25 µg

Buffer	0.01M Na phosphate, 0.25M NaCl, pH7.6, 0.05% Na azide, 0.01% Thimerisol, 15mg/ml BSA
Preservative	0.05% Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	Epha4 Eph receptor A4 [Mus musculus]
Official Symbol	EPHA4
Synonyms	EPHA4; Eph receptor A4; ephrin type-A receptor 4; TYRO1; Cek 8; EK8; EPH-like kinase 8; EphA4; EPHA4_HUMAN; Ephrin receptor Eph A4; Ephrin type A receptor 4; Ephrin type-A receptor 4; HEK 8; hEK8; Receptor protein tyrosine kinase HEK 8; Sek 1; SEK; TYRO 1 protein tyrosine kinase; Tyrosine protein kinase receptor SEK; Tyrosine-protein kinase receptor SEK; Tyrosine-protein kinase TYRO1; rabbit; snoRNA MBII-267; tyrosine-protein kinase receptor MPK-3; tyrosine-protein kinase receptor SEK-1; rb; Sek; Cek8; Hek8; Sek1; Tyro1; AI385584; 2900005C20Rik;
Entrez Gene ID	13838
Protein Refseq	NP_031962
UniProt ID	Q03137
Pathway	Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem;
Function	ATP binding; DH domain binding; GPI-linked ephrin receptor activity; PH domain binding; ephrin receptor activity; ephrin receptor binding; kinase activity; nucleotide binding; protein binding; protein kinase activity; protein tyrosine kinase activity; rec