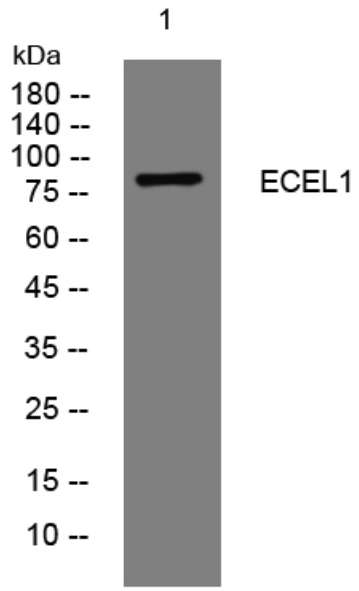
ECEL1 rabbit pAb

Catalog No	BYab-08245
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	ECEL1 XCE UNQ2431/PRO4991
Protein Name	ECEL1
Immunogen	Synthesized peptide derived from human ECEL1 AA range: 200-250
Specificity	This antibody detects endogenous levels of ECEL1 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.360% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Endothelin-converting enzyme-like 1 (EC 3.4.24.-) (Xce protein)
Observed Band	85kD
Cell Pathway	Membrane ; Single-pass type II membrane protein .
Tissue Specificity	Highly expressed in the CNS, in particular in putamen, spinal cord, medulla and subthalamic nucleus. A strong signal was also detected in uterine subepithelial cells and around renal blood vessels. Detected at lower levels in amygdala, caudate, thalamus, pancreas and skeletal muscle. Detected at very low levels in substantia nigra, cerebellum, cortex, corpus callosum and hippocampus.
Function	cofactor:Binds 1 zinc ion.,function:May contribute to the degradation of peptide hormones and be involved in the inactivation of neuronal peptides.,PTM:N-glycosylated.,similarity:Belongs to the peptidase M13 family.,tissue specificity:Highly expressed in the CNS, in particular in putamen, spinal cord, medulla and subthalamic nucleus. A strong signal was also detected in uterine subepithelial cells and around renal blood vessels. Detected at lower levels in amygdala, caudate, thalamus, pancreas and skeletal muscle. Detected at very low levels in substantia nigra, cerebellum, cortex, corpus callosum and hippocampus.,

Background	This gene encodes a member of the M13 family of endopeptidases. Members of this family are zinc-containing type II integral-membrane proteins that are important regulators of neuropeptide and peptide hormone activity. Mutations in this gene are associated with autosomal recessive distal arthrogryposis, type 5D. This gene has multiple pseudogenes on chromosome 2. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2014],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4°over night