

CBG rabbit pAb**Cat#: orb764750 (Manual)**

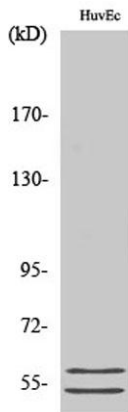
For research use only. Not intended for diagnostic use.

Product Name	CBG rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human GBA3. AA range:291-340
Specificity	CBG Polyclonal Antibody detects endogenous levels of CBG protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Cytosolic beta-glucosidase
Gene Name	GBA3
Cellular localization	Cytoplasm, cytosol .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

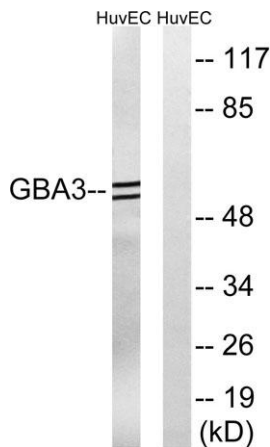
Concentration	1 mg/ml
Observed band	54-58kD
Human Gene ID	57733
Human Swiss-Prot Number	Q9H227
Alternative Names	GBA3; CBG; CBGL1; Cytosolic beta-glucosidase; Cytosolic beta-glucosidase-like protein 1

Background

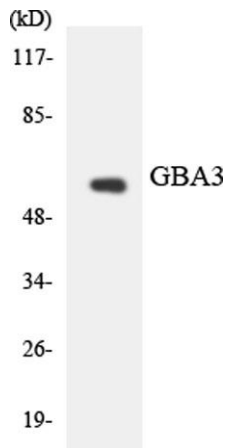
The protein encoded by this gene is an enzyme that can hydrolyze several types of glycosides. This gene is a polymorphic pseudogene, with the most common allele being the functional allele that encodes the full-length protein. Some individuals, as represented by the reference genome allele, contain a single nucleotide polymorphism that results in a premature stop codon in the coding region, and therefore this allele is pseudogenic due to the failure to produce a functional full-length protein. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Mar 2013],



Western Blot analysis of various cells using CBG Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from HUVEC cells, using GBA3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using GBA3 antibody.