



TPH2 (Ab-19) Antibody

E11-8545B**Catalog Number:** E11-8545B**Concentration:** 1mg/ml**Swiss-Prot No.:** Q8IWU9**Other Names:** Neuronal tryptophan hydroxylase; NTPH;
Tryptophan 5- monooxygenase 2**Storage/Stability:** Store at -20°C/1 year**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.**Immunogen:** The antiserum was produced against synthesized non-phosphopeptide derived from human TPH2 around the phosphorylation site of serine 19 (G-FI-S^P-L-D).**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using

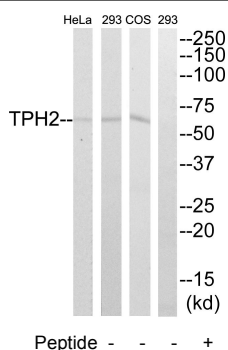
epitope-specific immunogen.

Specificity: TPH2 (Ab-19) antibody detects endogenous levels of total TPH2 protein.**Reactivity:** Human (Identities = 100%, Positives = 100%);
Mouse (Identities = 88%, Positives = 88%);
Rat (Identities = 88%, Positives = 88%)**Applications:** WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:40000**References:**

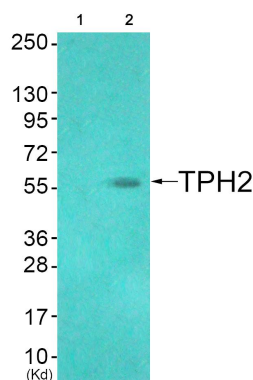
Bader M., Science 299:76-76(2003).

Gibbs R.A., Nature 440:346-351(2006).

Pandey A., Proc. Natl. Acad. Sci. U.S.A.104:2199-2204(2007).



Western blot analysis of extracts from HeLa, Cos7 and 293 cells, using TPH2 (Ab-19) antibody.



Western blot analysis using TPH2 (Ab-19) Antibody. Line 1: Blocking peptide; Line 2: The extracts from Huvec cells .

For Research Use Only