

Lot #

BostonBiochem

MATERIAL DATA SHEET

Anti-E6-AP

Cat. # A-151 (100 µl)

E6-AP (UBE3A) is a member of the E3 ubiquitin-protein ligase family which plays a role in defining the substrate specificity of the ubiquitin-proteasome degradation system. E6-AP can interact directly with p53 or indirectly as part of a human papillomavirus type 16 or 18 E6 protein complex. This interaction promotes the degradation of p53 via the ubiquitin-proteasome pathway. E6AP mutations have been linked to the etiology of Angelman Syndrome which is a neurological disorder.

Product Information

Immunogen:	Full-length human recombinant GST E6-AP fusion protein.
Host/Isotype:	Rabbit polyclonal.
Reactivity:	This antibody detects human E6-AP (100 kDa).
Stock:	100 µl of partially diluted unpurified rabbit serum in PBS and 0.05% NaN ₃ .

Use & Storage

Specificity:	Recommended dilution for Western blot is 1:2000. This antibody is also functional for immunoprecipitation.
Storage:	Store vial at -80°C. Avoid repeated freeze-thaw cycles.

Literature

References:	Huibregster J. M., <i>et al.</i> . (1993) <i>Mol. Cell. Biol.</i> 13 :775-84
	Thomas M., <i>et al.</i> (1999). <i>Oncogene</i> . 18 :7690-700
	Scheffner M., <i>et al.</i> (1993) <i>Cell</i> 75 :495-505
	Scheffner M. and Whitaker N.J. (2003) <i>Sem. Canc. Biol.</i> 13 :59-67

For Laboratory Research Use Only, Not For Use in Humans