TNFAIP8 (tumor necrosis factor, alpha-induced protein 8), also called SCC-S2/GG2-1/NDED, is associated with enhanced cell survival and inhibition of apoptosis. The induction of TNFAIP8 by TNF depends on the activation of NF-κB. TNFAIP8 suppresses the TNF-mediated apoptosis by inhibiting caspase-8 activity but not the processing of procaspase-8, subsequently resulting in inhibition of BID cleavage and caspase-3 activation. TNFAIP8 is expressed in adult spleen, lymph node, thymus, thyroid, bone marrow, and placenta, and in fetal liver, lung, and kidney at high levels, also expressed in various tumor tissues and all cancer cell lines tested.
A549 cells were subjected to SDS PAGE followed by western blot with 15790-1-AP (TNFAIP8 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.

Immunohistochemistry of paraffin-embedded human tonsillitis slide using 15790-1-AP (TNFAIP8 Antibody) at dilution of 1:50.

Immunohistochemistry of paraffin-embedded human lung cancer slide using 15790-1-AP (TNFAIP8 Antibody) at dilution of 1:50.